

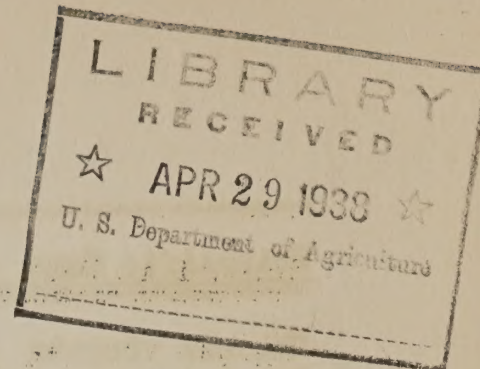
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W52 R4

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL ADJUSTMENT ADMINISTRATION
WESTERN REGION

[Range Range Palatability tables]
PALATABILITY LIST OF IMPORTANT RANGE SPECIES

(APPROVED BY INTER-AGENCY RANGE SURVEY COMMITTEE)

ARIZONA AND NEW MEXICO - 1938



GRASSES

Scientific Name	Common Name	C&H	S&G
Agropyron pauciflorum	Slender wheatgrass	75	60
" smithii	Bluestem	75	60
Agrostis spp. (with erect stems)	Red top	50	40
" " (with more or less decumbent stems)	Bent	50	40
" alba	Red Top	50	40
" exarata	Spike red top	50	40
" hiemalis	Winter red top (ticklegrass)	50	40
Alopecurus agrestis	Mountain foxtail	80	60
Andropogon spp.	Beardgrass	30	30
" furcatus	Bluejoint turkeyfoot	30	30
" saccharoides	Silver beardgrass	30	30
" scoparius	Prairie beardgrass	25	15
Aristida spp.	Three-awn		
" arizonica	Arizona three-awn	30	20
" divaricata	Poverty three-awn	15	10
" fendleriana	Fendler three-awn	15	10
" glauca	Three-awn	15	10
" longiseta	Red three-awn	25	20
" purpurea	Purple three-awn	15	10
" ternipes	1 short, 2 long awns	15	10
Beckmannia syzigachne	American slough grass	50	10
Blepharoneuron tricholepis	Pine dropseed ("beardless bunch")	35	25
Bouteloua chondrosoides	Sprucetop grama	70	60
" curtispindula	Side-oats grama	75	50
" eriopoda	Black grama	70	60
" filiformis	Slender grama	75	70
" gracilis	Blue grama	85	80
" hirsuta	Hairy grama	85	80
" rothrockii	Rothrock grama	60	50
" trifida	Small grama	55	50
Bromus spp.	Brome	60	60
" porteri	Porter Brome grass	75	60
" richardsoni	Richardson Brome grass	60	60
Calamagrostis canadensis	Bluejoint	20	10

G R A S S E S

Scientific Name	Common Name	C&H	S&G
<i>Chloris virgata</i>	Feather fingergrass	30	10
<i>Cynodon dactylon</i>	Bermuda grass	90	80
<i>Danthonia</i> spp.	Oatgrass	50	20
<i>Deschampsia caespitosa</i>	Tufted hairgrass	70	50
<i>Distichlis spicata</i>	Seashore saltgrass	30	20
<i>Echinochloa crusgalli</i>	Barnyard grass	30	15
<i>Elymus</i> spp.	Wild-rye	25	15
<i>Eragrostis</i> spp.	Lovegrass	30	20
" <i>lugens</i>	Loosetop lovegrass	50	30
" <i>mexicana</i>	Mexican lovegrass	30	20
" <i>pectinacea</i>	Tumble lovegrass ("purple lovegrass")	30	20
<i>Festuca</i> spp.	Fescue	40	40
" <i>arizonica</i>	Arizona Fescue	40	30
<i>Heteropogon contortus</i>	Tanglehead	40	20
<i>Hilaria belangeri</i>	Curley-mesquite	85	85
" <i>jamesii</i>	Gallota	60	50
" <i>mutica</i>	Tobosa	50	30
<i>Hordeum</i> spp.	Barley	40	20
" <i>jubatum</i>	Foxtail barley	40	20
<i>Koeleria cristata</i>	Junegrass	70	50
<i>Leptochloa dubia</i>	Green sprangletop	50	40
" spp.	Sprangletop	50	40
<i>Lycurus phleoides</i>	Wolftail (Texas Timothy)	70	60
<i>Melica porteri</i>	Porter's melic grass	70	60
<i>Muhlenbergia arizonica</i>	Arizona Muhly	40	40
" <i>dubia</i>	Pine Muhly	30	20
" <i>filiformis</i>	Pull-up Muhly	60	55
" <i>montana</i>	Mountain Muhly	50	40
" <i>porteri</i>	Bush Muhly	60	60
" <i>repens</i>	Creeping Muhly	60	50
" <i>rigens</i>	Deer grass	30	10
" <i>squarrosa</i>	Mat Muhly	60	50
" <i>torreyi</i>	Ring Muhly (Ring Grass)	0	0
" <i>wrightii</i>	Spike Muhly	60	50
<i>Munroa squarrosa</i>	False buffalo grass	0	0
<i>Oryzopsis</i> spp.	Rice grass	60	50
" <i>fimbriata</i>	Pinon Ricegrass	50	60
" <i>hymenoides</i>	Indian Ricegrass	60	60
" <i>micrantha</i>	Littleseed Ricegrass	65	65
<i>Panicum bulbosum</i>	Bulb panicgrass	30	30
" <i>obtusum</i>	Vine-mesquite	20	20
<i>Pappophorum wrightii</i>	Spike pappusgrass (beardscale)	20	20
<i>Phleum alpinum</i>	Alpine Timothy	75	70
<i>Poa</i> spp.	Bluegrass	80	70
" <i>bigelovii</i>	Bigelow Bluegrass	60	60
" <i>fendleriana</i>	Mutton grass	70	60
" <i>occidentalis</i>	New Mexican bluegrass	80	80
" <i>pratensis</i>	Kentucky bluegrass	90	90

GRASSES

Scientific Name	Common Name	C&H	S&G
<i>Polypogon monspeliensis</i>	Rabbit-foot grass	30	20
<i>Schedonnardus paniculatus</i>	Tumblegrass	10	0
<i>Scleropogon brevifolius</i>	Burrograss	10	0
<i>Sotaria compista</i>	Bristle grass	50	40
<i>Sitanion</i> spp.	Squirreltail	40	30
" <i>systrix</i>	Bottlebrush squirreltail	40	30
" <i>jubatum</i>	Big squirreltail	40	30
<i>Sporobolus airoides</i>	Alkali sacaton	50	40
" <i>cryptandrus</i>	Sand dropseed	40	30
" <i>flexuosus</i>	" "	35	30
" <i>giganteus</i>	Giant dropseed	30	20
" <i>interruptus</i>	Black dropseed	75	60
" <i>wrightii</i>	Sacaton	40	30
<i>Stipa</i> spp.	Needlegrass; feather-		
	grass	60	50
" <i>comata</i>	Needle-and-thread	50	40
" <i>neomexicana</i>	New Mexican feather-		
	grass	40	30
" <i>robusta</i>	Sleepy grass	P	P
<i>Trichachne californica</i>	Arizona Cotton Grass	60	50
<i>Triodia mutica</i>	Slim Triodia	60	30
" <i>pilosa</i>	Hairy Triodia	60	30
" <i>pulchella</i>	Fluffgrass (Annual)	0	0
<i>Trisetum spicatum</i>	Spike trisetum	60	50

GRASS LIKE PLANTS

Scientific Name	Common Name	C&H	S&G
<i>Carex</i> spp.	Sedges	40	30
" "	Sedge (Smooth)	50	60
" "	Sedge (Rough)	20	20
" <i>geophila</i>	Dryland Sedge	80	80
<i>Cyperus fendlerianus</i>	Flat-sedge (Nut grass)	30	30
<i>Eleocharis</i> spp.	Spike Sedge	20	20
" <i>glaucescens</i>	" "	50	50
<i>Juncoides</i> spp.	Woodrush	40	30
<i>Juncus</i> spp.	Rush	40	35
" <i>Balticus</i>	Wire rush	10	20
" <i>interior</i>	Inland rush	40	30
<i>Scirpus</i> spp.	Bulrush	20	20
" <i>occidentalis</i>	Tule	20	20

W E E D S			
Scientific Name	Common Name	C&H	S&G
Abronia spp.	Sand verbena	10	30
Achillea lanulosa	Western Yarrow	30	70
Aconitum spp.	Monkshood	P	P
Actinea richardsoni	Pingue	0	P
Agastache urticifolia	Horsemint	30	20
Agoseris spp.	Mountain Dandelion	60	80
Allioniella oxybaphoides	Wild Onion	40	40
Allium spp.	Onion	40	40
Alsine jamesii	Tuber starwort	20	50
Anogra spp.	White Evening primrose	0	20
Aquilegia spp.	Columbine	20	40
Arabis spp.	Rock cress	20	50
Arenaria spp.	Sand Wort	30	40
" fendleri	Fendler Sand Wort	30	40
Argemone intermedia	Prickle poppy	A	A
Argentina Argentea	Silver weed	10	30
Asclepias galioides	Horsetail ("whorled-milkweed")	P	P
Asclepiodora decumbens	Antelope-horns	P	P
Aster spp.	Aster	10	20
Astragalus spp.	Loco (spp. causing locoism)	P	P
	Poisonvetch (other toxic spp.)		
	Milkvetch (non-poisonous spp.)		
Astragalus nuttallianus		20	40
Bahia dissecta	Bahia (Yellow Ragweed)	10	20
Balsamorhiza sagittata	Balsam root	20	40
Calochortus spp.	Mariposa	0	20
Caltha leptosepala	Marshmarigold	10	30
Capsella bursa-pastoris	Shepherd's purse	10	30
Carum spp.	Yampa	30	80
Castilleja spp.	Painted Cup (or Paint Brush)	0	10
Cerastium	Mouse-ear ("chickweed")	10	30
Cahmaenerion	Fireweed	10	40
Cicuta spp.	Waterhemlock	P	P
Cirsium spp.	Thistle	20	10
" grahami	Thistle	20	10
" perennans	Thistle	20	10
Cogswellia orientalis	Cogswellia	20	50
Collinsia spp.	Collinsia	0	20
Commandra pallida	False toadflax	0	10
Crepis spp.	Hawksbeard	0	30

W E E D S

Scientific Name	Common Name	C&H	S&G
<i>Crepis petiolata</i>	Hawksbeard	10	60
<i>Cymopterus</i> spp.	Wafer-parsnip	20	50
" <i>fendleri</i>	Chimaya	20	50
<i>Delphinium</i> spp.	Larkspur	P	60
<i>Draba</i> spp.	Mustard	10	40
<i>Drymocallis</i> spp.	<i>Drymocallis</i>	20	40
<i>Epilobium</i> spp.	Willow Weed	20	40
<i>Erigeron</i> spp.	Wild-Daisy (fleabane)	20	30
<i>Eriogonum</i> spp. (herbaceous)	<i>Eriogonum</i> (wild buck-wheat)	20	40
<i>Erodium cicutarium</i>	<i>Alfileria</i> (Annual)	A	A
<i>Erysimum officinale</i>	Wall flower	20	40
<i>Fragaria</i> spp.	Strawberry	0	10
<i>Gaillardia</i> spp.	<i>Gaillardia</i> ("blanket-flower")	10	30
<i>Galium</i> spp.	Bedstraw	0	10
<i>Gayophytum ramossissimum</i>	Ground-smoke ("kitchen weed")	5	30
<i>Gentiana</i> spp.	Gentian	0	20
<i>Geranium</i> spp.	Geranium (Cranesbill)	20	40
<i>Geum</i> spp.	Avens	10	40
<i>Helenium hoopesii</i>	Orange sneezeweed	0	P
<i>Hieracium corneum</i>	Hawkweed	30	70
<i>Hymenopappus flavescens</i>	<i>Hymenopappus</i>	0	10
<i>Lathyrus</i> spp.	Peavine	75	80
<i>Leontodon tarazacum</i>	Dandelion	40	60
<i>Linum</i> spp.	Flax	0	20
<i>Lithospermum cobrense</i>	Stoneseed	10	20
<i>Lotus argansis</i>	Red-and-Yellow-Pea	60	60
" <i>wrightii</i>	" " " "	60	60
<i>Lupinus</i> spp.	Lupine (Seeds Poison)	50	P-50
" <i>micensis</i>	Lupine	30	P-30
" <i>sparsiflorus</i>	Lupine	30	P-30
<i>Malva rotundifolia</i>	Running Mallow	A	A
<i>Medicago lupulina</i>	Black Medic	60	70
<i>Melampodium leucanthum</i>	Blackfoot	10	20
<i>Melilotus alba</i>	White Sweet Clover	30	40
<i>Mertensia</i> spp.	Bluebell	20	50
<i>Mirabilis laevis</i>	Four O'clock	0	40
" <i>wrightiana</i>	Four O'clock	0	40
<i>Monarda</i> spp.	Beebalm (Horsemint)	0	20
<i>Nepta cataria</i>	Catnip	0	20
<i>Oenothera hookeri</i>	Evening Primrose	0	20
<i>Oxalis</i> spp.	<i>Oxalis</i> (Sheep Sour)	50	60
<i>Oxytropis</i> spp.	Crazyweed	P	P
" <i>lambertii</i>	Crazyweed (White Loco)	P	P

W E E D S

Scientific Name	Common Name	C&H	S&G
Pedicularis spp.	Fern Weed	0	20
Pentstemon spp.	Pentstemon	10	30
Petalostemon spp.	Prairie Clover	20	40
Phaseolus grayanus	Kidney Bean	10	10
Phlox spp.	Phlox	10	30
Polemonium spp.	Polemonium	0	20
Potentilla spp.	Cinquefoil	10	30
Pseudocymopterus spp.	Pseudocymopterus	20	50
Psoralea spp.	Scurf-pea; Breadroot	0	0
Pulsatilla spp.	Pasque Flower	20	50
Rumex spp.	Dock	0	10
" hymenosepalus	canaigre	0	10
Salvia spp.	Sage	0	20
Sedum	Stonecrop	0	10
Senecio spp.	Groundsel	0	10
Sidalcea spp.	Sidalcea (Prairie-mallow)	0	10
Silene Spp.	Catchfly	0	20
Sisyrinchium spp.	Blue-eyed grass	50	70
Solidago spp.	Goldenrod	0	30
Sophia spp.	Tansymustard	0	50
Sphaeralcea spp.	Globe Mallow (Hollyhock)	0	10
Stellaria spp.	Chickweed	20	80
Thalictrum spp.	Meadowrue	0	10
Thermopsis pinetorum	Pine Golden Pea (Big Yellow Pea)	0	0
Thlaspi spp.	Penny cress ("candytuft")	20	50
Trifolium spp.	Clover	80	80
Vagnera stellata	False Solomonseal	10	20
Verbena spp.	Verbena	0	10
Vicia spp.	Vetch	75	80
Viguiera spp.	Goldeneye (Resinweed)	30	40
Viola spp.	Violet	20	40
Washingtonia spp.	Sweet Cicely	60	80
Zygadenus spp.	Deathcamas	P	P

T R E E S A N D S H R U B S

Scientific Name	Common Name	C&H	S&G
Acacia constricta	Mescal Acacia	10	10
" Greggii	Catclaw	10	10
Acer spp.	Maple	5	10
Amelanchier spp.	Serviceberry	40	50
Aplopappus heterophyllus	Jimmyweed (Rayless Goldenrod; burroweed)	P	P
Arctostaphylos spp.	Manzanita	0	0
Artemisia spp. (herbaceous)	Slender Sages	10	10
" filifolia	Sand Sage	20	40
" frigida	Fringed Sagebrush (Estafiata in the S.W.)	80	90
" tridentata	Big Sage Brush	20	30
Atriplex canescens	Fourwing Saltbush (Chamise)	50	60
" confertifolia	Shadscale	30	40
" polycarpa	Saltbush	10	10
Baccharis	Baccharis	0	0
Berberis	Barberry	0	10
Calliandra eriophylla	False Mesquite	40	50
" humilis	False Mesquite	70	60
Cassia spp.	Senna	10	0
Ceanothus fendleri	Fendlers Ceanothus	30	30
" greggii	Desert Ceanothus	50	40
Celtis spp.	Hackberry	10	10
Cercocarpus spp.	Mountain Mahogany	75	70
" Brevifolia	Mountain Mahogany	60	60
Chrysothamnus spp.	Rabbit Brush	0	0
Chilopsis linearis	Desert willow	5	5
Clematis spp.	Clematis (Virgin's bower)	0	10
" ligusticifolia	" " "	0	10
Coleogyne ramosissima	Black brush (Dixie black brush)	20	30
Cornus stolonifera	Red-osier cornel (dogwood)	30	20
Cowania stansburiana	Cliff Rose (or Quinine-Bush)	60	60
Dasiphora fruticosa	Shrubby cinquefoil	20	20
Encelia farinosa	White Brittle Brush	0	5
" frutescens	Green " "	0	0
Ephedra spp.	Jointfir (Mormon Tea)	30	40
" nevadensis	" " "	30	40
" trifurca	" " "	0	0
Eriogonum polifolium	Sweet Balsam	0	0
" wrightii	Wright's Buckwheat Brush	40	40
Eurotia lanata	Winterfat (White Sage)	50	60
Fallugia paradoxa	Apache Plume	50	50
Fendlera rupicola	Cliff Fendlerbush	40	40

T R E E S A N D S H R U B S

Scientific Name	Common Name	C&H	S&G
<i>Flourensia cernua</i>	Tarbush ("Blackbrush")	0	0
<i>Fraxinus</i> spp.	Ash	5	0
<i>Garrya wrightii</i>	Wright's Silktassel	40	20
<i>Grossularia</i> spp.	Gooseberry	10	20
<i>Gutierrezia</i>	Snakeweed	0	0
<i>Krameria glandulosa</i>	Ratany	30	40
<i>Lippia wrightii</i>	Wright's Lippia	0	0
<i>Lonicera</i> spp.	Honeysuckle	0	10
<i>Lycium</i> spp.	Wolfberry	0	0
<i>Menodora scabra</i>	Menodora	60	60
<i>Mimosa</i> spp.	Mimosa (Wai-a-bit)	10	10
<i>Nolina microcarpa</i>	Sacahuista (Bear grass)	10	0
<i>Odostemon fremontii</i>	Fremont Hollygrape (Algerita)	0	0
<i>Odostemon repens</i>	Creeping hollygrape (Oregon Grape)	0	0
<i>Opuntia</i>	Opuntia	5	0
<i>Pachistima myrsinites</i>	Myrtle boxleaf (Mountain Lover)	0	0
<i>Paloverda</i>	Paloverda	10	0
<i>Parosela</i> spp. (shrub)	Peabush	40	40
" <i>splendens</i>	Feather Pea Bush	40	40
<i>Philadelphus microphyllus</i>	Mock Orange	10	20
<i>Poliomintha incana</i>	Bush mint	0	40
<i>Populus tremuloides</i>	Western Aspen	30	50
" <i>macdougalii</i>	Cottonwood	0	0
<i>Prosopis glandulosa</i>	Honey Mesquite	20	20
" spp.	Mesquite	20	20
<i>Prunus americana</i>	Wild plum	20	40
" <i>melanocarpa</i>	Black Choke Cherry	20	40
<i>Purshia tridentata</i>	Bitter Brush	60	60
<i>Quercus arizonica</i>	Arizona White Oak	10	10
" <i>emoryi</i>	Emory Oak	0	0
" <i>gambelii</i>	Gambel oak	25	30
" <i>grisea</i>	Gray oak	10	20
" <i>hypoleuca</i>	Whiteleaf oak	0	0
" <i>reticulata</i>	Netleaf oak	20	20
" <i>turbinella</i>	Shrub live oak (Turbinella oak)	20	20
" <i>utabensis</i>	Utah oak	25	30
" <i>wilcoxii</i>	Wilcox oak (Hollyleaf oak)	0	0
<i>Rhamnus</i> spp.	Buckhorn	20	20
<i>Rhus cismontana</i>	Rocky Mountain Sumac	0	0
" <i>emoryi</i>	Squawbush	5	5
" <i>trilobata</i>	Skunkbush (Squawberry)	10	10
<i>Ribes</i> spp.	Current	10	10

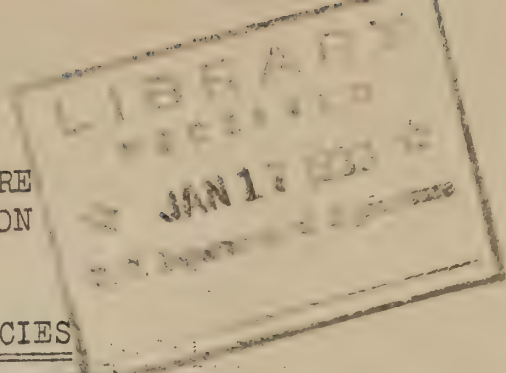
TREES AND SHRUBS

Scientific Name	Common Name	C&H	S&G
<i>Ribes aurcum</i>	Current	10	10
<i>Robinia neomexicana</i>	New Mexican Locust	10	20
<i>Rosa</i> spp.	Rose	10	25
" <i>fendleri</i>	Fendler Rose	10	25
<i>Rubus</i> spp.	Black or Raspberry	30	40
<i>Sambucus</i> spp.	Elder	50	50
<i>Salix</i>	Willow	30	40
<i>Sarcobatus vermiculatus</i>	Greasewood	20	40
<i>Simmondsia californica</i>	Jojoba (Coffeeberry)	50	40
<i>Sorbus</i> spp.	Mountain ash	20	20
<i>Strombocarpa pubescens</i>	Screwbean	10	10
<i>Symphoricarpus</i> spp.	Snowberry (White fruit spp.)		
	Coralberry (Red fruit spp.)	20	50
<i>Tetradymia canescens</i>	Black Sage	0	0
" <i>inermis</i>	Horse Bush	10	30
" <i>spinosa</i>	Cotton Thorn	P	P
<i>Tamarix</i>	Tamarisk	10	10
<i>Yucca</i>	Yucca	5	0
	Spanish Dagger	5	5

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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL ADJUSTMENT ADMINISTRATION
WESTERN REGION



PALATABILITY LIST OF IMPORTANT RANGE SPECIES
(APPROVED BY INTER-AGENCY RANGE SURVEY COMMITTEE)

ARIZONA AND NEW MEXICO - 1939

G R A S S E S			
Scientific Name	Common Name	C&H	S&G
Agropyron pauciflorum	Slender wheatgrass	75	60
" smithii	Bluestem	75	60
Agrostis spp. (with erect stems)	Red top	50	40
" " (with more or less decumbent stems)	Bent	50	40
" alba	Red Top	50	40
" exarata	Spike red top	50	40
" hiemalis	Winter red top (ticklegrass)	50	40
Alopecurus agrestis	Mountain foxtail	80	60
Andropogon spp.	Beardgrass	30	30
" furcatus	Bluejoint turkeyfoot	30	30
" saccharoides	Silver beardgrass	30	30
" scoparius	Prairie beardgrass	25	15
Aristida spp.	Three-awn		
" arizonica	Arizona three-awn	30	20
" divaricata	Poverty three-awn	15	10
" fendleriana	Fendler three-awn	15	10
" glauca	Three-awn	15	10
" longiseta	Red three-awn	25	20
" purpurea	Purple three-awn	15	10
" ternipes	1 short, 2 long awns	15	10
Beckmannia syzigachne	American slough grass	50	10
Blepharoneuron tricholepis	Pine dropseed ("beardless bunch")	35	25
Bouteloua chondrosoides	Sprucetop grama	70	60
" curtispindula	Side-oats grama	75	50
" eriopoda	Black grama	70	60
" filiformis	Slender grama	75	70
" gracilis	Blue grama	85	80
" hirsuta	Hairy grama	85	80
" rothrockii	Rothrock grama	60	50
" trifida	Small grama	55	50
Bromus spp.	Brome	60	60
" porteri	Porter Brome grass	75	60
" richardsoni	Richardson Brome grass	60	60
Calamagrostis canadensis	Bluejoint	20	10

G R A S S E S

Scientific Name	Common Name	C&H	S&G
<i>Chloris virgata</i>	Feather fingergrass	30	10
<i>Cynodon dactylon</i>	Bermuda grass	90	80
<i>Danthonia</i> spp.	Oatgrass	50	20
<i>Deschampsia caespitosa</i>	Tufted hairgrass	70	50
<i>Distichlis spicata</i>	Seashore saltgrass	30	20
<i>Echinochloa crusgalli</i>	Barnyard grass	30	15
<i>Elymus</i> spp.	Wild-rye	25	15
<i>Eragrostis</i> spp.	Lovegrass	30	20
" <i>lugens</i>	Loosetop lovegrass	50	30
" <i>mexicana</i>	Mexican lovegrass	30	20
" <i>pectinacea</i>	Tumble lovegrass ("purple lovegrass")	30	20
<i>Festuca</i> spp.	Fescue	40	40
" <i>arizonica</i>	Arizona Fescue	40	30
<i>Heteropogon contortus</i>	Tanglehead	40	20
<i>Hilaria belangeri</i>	Curley-mesquite	85	85
" <i>jamesii</i>	Galleta	60	50
" <i>mutica</i>	Tobosa	50	30
<i>Hordeum</i> spp.	Barley	40	20
" <i>jubatum</i>	Foxtail barley	40	20
<i>Koeleria cristata</i>	Junegrass	70	50
<i>Leptochloa dubia</i>	Green sprangletop	50	40
" spp.	Sprangletop	50	40
<i>Lycurus phleoides</i>	Wolftail (Texas Timothy)	70	60
<i>Melica porteri</i>	Porter's melic grass	70	60
<i>Muhlenbergia arizonica</i>	Arizona Muhly	40	40
" <i>dubia</i>	Pine Muhly	30	20
" <i>filiformis</i>	Pull-up Muhly	60	55
" <i>montana</i>	Mountain Muhly	50	40
" <i>porteri</i>	Bush Muhly	60	60
" <i>repens</i>	Creeping Muhly	60	50
" <i>rigens</i>	Deer grass	30	10
" <i>squarrosa</i>	Mat Muhly	60	50
" <i>torreyi</i>	Ring Muhly (Ring Grass)	0	0
" <i>wrightii</i>	Spike Muhly	60	50
<i>Munroa squarrosa</i>	False buffalo grass	0	0
<i>Oryzopsis</i> spp.	Rice grass	60	50
" <i>fimbriata</i>	Pinon Ricegrass	50	60
" <i>hymenoides</i>	Indian Ricegrass	60	60
" <i>micrantha</i>	Littleseed Ricegrass	65	65
<i>Panicum bulbosum</i>	Bulb panicgrass	30	30
" <i>obtusum</i>	Vine-mesquite	20	20
<i>Pappophorum wrightii</i>	Spike pappusgrass (beardscale)	20	20
<i>Phleum alpinum</i>	Alpine Timothy	75	70
<i>Poa</i> spp.	Bluegrass	80	70
" <i>bigelovii</i>	Bigelow Bluegrass	60	60
" <i>fendleriana</i>	Mutton grass	70	60
" <i>occidentalis</i>	New Mexican bluegrass	80	80
" <i>pratensis</i>	Kentucky bluegrass	90	90

GRASSES

Scientific Name	Common Name	C&H	S&G
<i>Polypogon monspeliensis</i>	Rabbit-foot grass	30	20
<i>Schedonnardus paniculatus</i>	Tumblegrass	10	0
<i>Scleropogon brevifolius</i>	Burrograss	10	0
<i>Setaria compsta</i>	Bristle grass	50	40
<i>Sitanion</i> spp.	Squirreltail	40	30
" <i>systrix</i>	Bottlebrush squirreltail	40	30
" <i>jubatum</i>	Big squirreltail	40	30
<i>Sporobolus airoides</i>	Alkali sacaton	50	40
" <i>cryptandrus</i>	Sand dropseed	40	30
" <i>flexuosus</i>	" "	35	30
" <i>giganteus</i>	Giant dropseed	30	20
" <i>interruptus</i>	Black dropseed	75	60
" <i>wrightii</i>	Sacaton	40	30
<i>Stipa</i> spp.	Needlegrass; feather-		
	grass	60	50
" <i>comata</i>	Needle-and-thread	50	40
" <i>neomexicana</i>	New Mexican feather-		
	grass	40	30
" <i>robusta</i>	Sleepy grass	P	P
<i>Trichachne californica</i>	Arizona Cotton Grass	60	50
<i>Triodia mutica</i>	Slim Triodia	60	30
" <i>pilosa</i>	Hairy Triodia	60	30
" <i>pulchella</i>	Fluffgrass (Annual)	0	0
<i>Trisetum spicatum</i>	Spike trisetum	60	50

GRASS LIKE PLANTS

Scientific Name	Common Name	C&H	S&G
<i>Carex</i> spp.	Sedges	40	30
" "	Sedge (Smooth)	50	60
" "	Sedge (Rough)	20	20
" <i>geophila</i>	Dryland Sedge	80	80
<i>Cyperus fendlerianus</i>	Flat-sedge (Nut grass)	30	30
<i>Eleocharis</i> spp.	Spike Sedge	20	20
" <i>glaucescens</i>	" "	50	50
<i>Juncoides</i> spp.	Woodrush	40	30
<i>Juncus</i> spp.	Rush	40	35
" <i>Balticus</i>	Wire rush	10	20
" <i>interior</i>	Inland rush	40	30
<i>Scirpus</i> spp.	Bulrush	20	20
" <i>occidentalis</i>	Tule	20	20

W E E D S

Scientific Name	Common Name	C&H	S&G
Abronia spp.	Sand verbenia	10	30
Achillea lanulosa	Western Yarrow	30	70
Aconitum spp.	Monkshood	P	P
Actinea richardsoni	Pingue	0	P
Agastache urticifolia	Horsemint	30	20
Agoseris spp.	Mountain Dandelion	60	80
Allioniella oxybaphoides	Wild Onion	40	40
Allium spp.	Onion	40	40
Alsine jamesii	Tuber starwort	20	50
Anogra spp.	White Evening primrose	0	20
Aquilegia spp.	Columbine	20	40
Arabis spp.	Rock cress	20	50
Arenaria spp.	Sand Wort	30	40
" fendleri	Fendler Sand Wort	30	40
Argemone intermedia	Prickle poppy	A	A
Argentina Argentea	Silver weed	10	30
Asclepias galioides	Horsetail ("whorled-milkweed")	P	P
Asclepiodora decumbens	Antelope-horns	P	P
Aster spp.	Aster	10	20
Astragalus spp.	Loco (spp. causing locoism)	P	P
	Poisonvetch (other toxic spp.)		
	Milkvetch (non-poisonous spp.)		
Astragalus nuttallianus		20	40
Bahia dissecta	Bahia (Yellow Ragweed)	10	20
Balsamorhiza sagittata	Balsam root	20	40
Calochortus spp.	Mariposa	0	20
Caltha leptosepala	Marshmarigold	10	30
Capsella bursa-pastoris	Shepherd's purse	10	30
Carum spp.	Yampa	30	80
Castilleja spp.	Painted Cup (or Paint Brush)	0	10
Cerastium	Mouse-ear ("chickweed")	10	30
Cahmaenerion	Fireweed	10	40
Cicuta spp.	Waterhemlock	P	P
Cirsium spp.	Thistle	20	10
" grahami	Thistle	20	10
" perennans	Thistle	20	10
Cogswellia orientalis	Cogswellia	20	50
Collinsia spp.	Collinsia	0	20
Commandra pallida	False toadflax	0	10
Crepis spp.	Hawksbeard	0	30

W E E D S

Scientific Name	Common Name	C&H	S&G
<i>Crepis petiolata</i>	Hawksbeard	10	60
<i>Cymopterus</i> spp.	Wafer-parship	20	50
" <i>fendleri</i>	Chimaya	20	50
<i>Delphinium</i> spp.	Larkspur	P	60
<i>Draba</i> spp.	Mustard	10	40
<i>Drymocallis</i> spp.	<i>Drymocallis</i>	20	40
<i>Epilobium</i> spp.	Willow Weed	20	40
<i>Erigeron</i> spp.	Wild-Daisy (flea-bane)	20	30
<i>Eriogonum</i> spp. (herbaceous)	<i>Eriogonum</i> (wild buck-wheat)	20	40
<i>Erodium cicutarium</i>	Alfileria (Annual)	A	A
<i>Erysimum officinale</i>	Wall flower	20	40
<i>Fragaria</i> spp.	Strawberry	0	10
<i>Gaillardia</i> spp.	<i>Gaillardia</i> ("blanket-flower")	10	30
<i>Galium</i> spp.	Bedstraw	0	10
<i>Gayophytum ramossissimum</i>	Ground-smoke ("kitchen weed")	5	30
<i>Gentiana</i> spp.	Gentian	0	20
<i>Geranium</i> spp.	Geranium (Cranesbill)	20	40
<i>Geum</i> spp.	Avens	10	40
<i>Helenium hoopesii</i>	Orange sneezeweed	0	P
<i>Hieracium corneum</i>	Hawkweed	30	70
<i>Hymenopappus flavescens</i>	<i>Hymenopappus</i>	0	10
<i>Lathyrus</i> spp.	Peavine	75	80
<i>Leontodon tarazacum</i>	Dandelion	40	60
<i>Linum</i> spp.	Flax	0	20
<i>Lithospermum cobrense</i>	Stoneseed	10	20
<i>Lotus argansis</i>	Red-and-Yellow-Pea	60	60
" <i>wrightii</i>	" " " "	60	60
<i>Lupinus</i> spp.	Lupine (Seeds Poison)	50	P-50
" <i>micensis</i>	Lupine	30	P-30
" <i>sparsiflorus</i>	Lupine	30	P-30
<i>Malva rotundifolia</i>	Running Mallow	A	A
<i>Medicago lupulina</i>	Black Medic	60	70
<i>Melampodium leucanthum</i>	Blackfoot	10	20
<i>Melilotus alba</i>	White Sweet Clover	30	40
<i>Mertensia</i> spp.	Bluebell	20	50
<i>Mirabilis laevis</i>	Four O'clock	0	40
" <i>wrightiana</i>	Four O'clock	0	40
<i>Monarda</i> spp.	Beebalm (Horsemint)	0	20
<i>Nepta cataria</i>	Catnip	0	20
<i>Oenothera hookeri</i>	Evening Primrose	0	20
<i>Oxalis</i> spp.	<i>Oxalis</i> (Sheep Sour)	50	60
<i>Oxytropis</i> spp.	Crazyweed	P	P
" <i>lambertii</i>	Crazyweed (White Loco)	P	P

W E E D S .

Scientific Name	Common Name	C&H	S&G
Pedicularis spp.	Fern-Weed	0	20
Pentstemon spp.	Pentstemon	10	30
Petalostemon spp.	Prairie Clover	20	40
Phaseolus grayanus	Kidney Bean	10	10
Phlox spp.	Phlox	10	30
Polemonium spp.	Polemonium	0	20
Potentilla spp.	Cinquefoil	10	30
Pseudocymopterus spp.	Pseudocymopterus	20	50
Psoralea spp.	Scurf-pea; Breadroot	0	0
Pulsatilla spp.	Pasque Flower	20	50
Rumex spp.	Dock	0	10
" hymenosepalus	canaigre	0	10
Salvia spp.	Sage	0	20
Sedum	Stonecrop	0	10
Senecio spp.	Groundsel	0	10
Sidalcea spp.	Sidalcea (Prairie-mallow)	0	10
Silene Spp.	Catchfly	0	20
Sisyrinchium spp.	Blue-eyed grass	50	70
Solidago spp.	Goldenrod	0	30
Sophia spp.	Tansymustard	0	50
Sphaeralcea spp.	Globe Mallow (Hollyhock)	0	10
Stellaria spp.	Chickweed	20	80
Thalictrum spp.	Meadowrue	0	10
Thermopsis pinetorum	Pine Golden Pea (Big Yellow Pea)	0	0
Thlaspi spp.	Penny cress ("candytuft")	20	50
Trifolium spp.	Clover	80	80
Vagnera stellata	False Solomonseal	10	20
Verbena spp.	Verbena	0	10
Vicia spp.	Vetch	75	80
Viguiera spp.	Goldeneye (Resinweed)	30	40
Viola spp.	Violet	20	40
Washingtonia spp.	Sweet Cicely	60	80
Zygadenus spp.	Deathcamas	P	P

TREES AND SHRUBS

Scientific Name	Common Name	C&H	S&G
Acacia constricta	Mescal Acacia	10	10
" Greggii	Catalaw	10	10
Acer spp.	Maple	5	10
Amelanchier spp.	Serviceberry	40	50
Aplopappus heterophyllus	Jimmyweed (Rayless Goldenrod; burroweed)	P	P
Arctostaphylos spp.	Manzanita	0	0
Artemisia spp. (herbaceous)	Slender Sages	10	10
" filifolia	Sand Sage	20	40
" frigida	Fringed Sagebrush (Estafiata in the S.W.)	80	90
" tridentata	Big Sage Brush	20	30
Atriplex canescens	Fourwing Saltbush (Chamise)	50	60
" confertifolia	Shadscale	30	40
" polycarpa	Saltbush	10	10
Baccharis	Baccharis	0	0
Berberis	Barberry	0	10
Calliandra eriophylla	False Mesquite	40	50
" humilis	False Mesquite	70	60
Cassia spp.	Senna	10	0
Ceanothus fendleri	Fendlers Ceanothus	30	30
" greggii	Desert Ceanothus	50	40
Celtis spp.	Hackberry	10	10
Cercocarpus spp.	Mountain Mahogany	75	70
" Brevifolia	Mountain Mahogany	60	60
Chrysothamnus spp.	Rabbit Brush	0	0
Chilopsis linearis	Desert willow	5	5
Clematis spp.	Clematis (Virgin's bower)	0	10
" ligusticifolia	" " "	0	10
Coleogyne ramosissima	Black brush (Dixie black brush)	20	30
Cornus stolonifera	Red-osier cornel (dogwood)	30	20
Cowania stansburiana	Cliff Rose (or Quinine-Bush)	60	60
Dasiphora fruticosa	Shrubby cinquefoil	20	20
Encelia farinosa	White Brittle Brush	0	5
" frutescens	Green " "	0	0
Ephedra spp.	Jointfir (Mormon Tea)	30	40
" nevadensis	" " "	30	40
" trifurca	" " "	0	0
Eriogonum polifolium	Sweet Balsam	0	0
" wrightii	Wright's Buckwheat Brush	40	40
Eurotia lanata	Winterfat (White Sage)	50	60
Fallugia paradoxa	Apache Plume	50	50
Fendlera rupicola	Cliff Fendlerbush	40	40

TREES AND SHRUBS

Scientific Name	Common Name	C&H	S&G
<i>Flourensia cernua</i>	Tarbrush ("Blackbrush")	0	0
<i>Fraxinus</i> spp.	Ash	5	0
<i>Garrya wrightii</i>	Wright's Silktassel	40	20
<i>Grossularia</i> spp.	Gooseberry	10	20
<i>Gutierrezia</i>	Snakeweed	0	0
<i>Krameria glandulosa</i>	Ratany	30	40
<i>Lippia wrightii</i>	Wright's Lippia	0	0
<i>Lonicera</i> spp.	Honeysuckle	0	10
<i>Lycium</i> spp.	Wolfberry	0	0
<i>Menodora scabra</i>	Menodora	60	60
<i>Mimosa</i> spp.	Mimosa (Wait-a-bit)	10	10
<i>Nolina microcarpa</i>	Sacahuista (Bear grass)	10	0
<i>Odostemon fremontii</i>	Fremont Hollygrape (Algerita)	0	0
<i>Odostemon repens</i>	Creeping hollygrape (Oregon Grape)	0	0
<i>Opuntia</i>	Opuntia	5	0
<i>Pachistima myrsinites</i>	Myrtle boxleaf (Mountain Lover)	0	0
<i>Paloverda</i>	Paloverda	10	0
<i>Parosela</i> spp. (shrub)	Peabush	40	40
" <i>splendens</i>	Feather Pea Bush	40	40
<i>Philadelphus microphyllus</i>	Mock Orange	10	20
<i>Poliomintha incana</i>	Bush mint	0	40
<i>Populus tremuloides</i>	Western Aspen	30	50
" <i>macdougalii</i>	Cottonwood	0	0
<i>Prosopis glandulosa</i>	Honey Mesquite	20	20
" spp.	Mesquite	20	20
<i>Prunus americana</i>	Wild plum	20	40
" <i>melanocarpa</i>	Black Choke Cherry	20	40
<i>Purshia tridentata</i>	Bitter Brush	60	60
<i>Quercus arizonica</i>	Arizona White Oak	10	10
" <i>emoryi</i>	Emory Oak	0	0
" <i>gambelii</i>	Gambel oak	25	30
" <i>grisea</i>	Gray oak	10	20
" <i>hypoleuca</i>	Whiteleaf oak	0	0
" <i>reticulata</i>	Netleaf oak	20	20
" <i>turbinella</i>	Shrub live oak (Turbinella oak)	20	20
" <i>utabensis</i>	Utah oak	25	30
" <i>wilcoxii</i>	Wilcox oak (Hollyleaf oak)	0	0
<i>Rhamnus</i> spp.	Buckhorn	20	20
<i>Rhus cismontana</i>	Rocky Mountain Sumac	0	0
" <i>emoryi</i>	Squawbush	5	5
" <i>trilobata</i>	Skunkbush (Squawberry)	10	10
<i>Ribes</i> spp.	Current	10	10

T R E E S A N D S H R U B S

Scientific Name	Common Name	C&H	S&G
<i>Ribes aurum</i>	Currant	10	10
<i>Robinia neomexicana</i>	New Mexican Locust	10	20
<i>Rosa</i> spp.	Rose	10	25
" <i>fendleri</i>	Fendler Rose	10	25
<i>Rubus</i> spp.	Black or Raspberry	30	40
<i>Sambucus</i> spp.	Elder	50	50
<i>Salix</i>	Willow	30	40
<i>Sarcobatus vermiculatus</i>	Greasewood	20	40
<i>Simmondsia californica</i>	Jojoba (Coffeeberry)	50	40
<i>Sorbus</i> spp.	Mountain ash	20	20
<i>Strombocarpa pubescens</i>	Screwbean	10	10
<i>Symphoricarpus</i> spp.	Snowberry (White fruit spp.)		
	Coralberry (Red fruit spp.)	20	50
<i>Tetradymia canescens</i>	Black Sage	0	0
" <i>inermis</i>	Horse Bush	10	30
" <i>spinosa</i>	Cotton Thorn	P	P
<i>Tamarix</i>	Tamarisk	10	10
<i>Yucca</i>	Yucca	5	0
	Spanish Dagger	5	5



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United States Department of Agriculture
Agricultural Adjustment Administration

AAA RANGE PROGRAM - WESTERN DIVISION
RANGE FORAGE PALATABILITY TABLES - 1938
CALIFORNIA, EXCEPT COASTAL PORTION

GRASSES

<u>Scientific Name</u>	<u>Common Name</u>	<u>Symbol</u>	<u>C&H</u>	<u>S&G</u>
Agropyron spicatum	Bluebunch Wheatgrass	AG	50	50
Agrostis alba	Redtop	Rt	80	60
" hiemalis	Winter Redtop	Rt	60	40
Aira Deschampsia				
danthonoides (Sp. rg.only)	Annual hairgrass	Hg	30	20
" caespitosa	Tufted hairgrass	Hg	70	50
" elongata	Slender hairgrass	Hg		
Avena sp.	Wild Oats	Wo	30	20
Bromus (marginatus) carinatus	Mountain brome	Bm	60	30
" tectorum	Downy chess	Bt	20	10
" mollis	Soft chess	Bh	50	40
" rigidus	Ripgut grass	Ban	10	10
" rubens	Foxtail chess	Ban	10	10
" secalinus	Chess	Bt	20	10
" brizacormis	Rattlesnake chess	Bz	20	10
Danthonia sp	Oatgrass	Da	50	30
Elymus glaucus	Blue wild-rye	Ry	30	20
Festuca idahoensis	Idaho fescue	Fi	80	50
" (annuals)	Fescue	Fan	30	20
Hordeum jubatum	Foxtail barley	Wb	40	30
" nodosum	Meadow barley	Wb	60	40
Koeleria cristata	Junegrass	Jg	60	50
Melica bulbosa	Oniongrass	Og	70	40
Muhlenbergia	Muhly grass	Mu	50	40
Poa nevadensis	Nevada bluegrass	Bg	70	50
" scabrella	Pine bluegrass	Bg	70	50
" (sandbergii) secunda	Sandberg bluegrass	Bg	70	50
" pratensis	Kentucky bluegrass	Bg	90	70
Phleum alpinum	Alpine Timothy	Tm	80	60
" pratense	Timothy	Tm	70	50
Sitanion hystrix	Squirreltail	Sit	40	20
Stipa	Needlegrass	Ng	60	40
" columbiana	Subalpine Needlegrass	Ng	60	40

GRASSLIKE PLANTS

Carex (dryland)	Sedge	Dse	50	40
" (wet-small)	Sedge	Wse	150	100
" (wet-large)	Sedge	Wse	100	70
Juncus (dry land)	Rush	Dju	30	30
" (wet)	Rush	Wju	100	60
" (clumps)	Rush	Ju	30	10

WEEDS

Achillea lanulosa	Western Yarrow	Ya	40	60
Agastache	Horsemint	Hm	20	50
" urticifolia	Nettleleaf Horsemint	Hm	20	40

WEEDS (Cont'd)

Agoseris	Mountain dandelion	Md	50	70
Allium	Onion	On	10	40
Amsinckia	Fiddleneck	Am	10	
Angelica breweri	Brewer angelica	Ang	30	50
Antennaria argentea	Silver pussytoes	Ant	0	30
Apocynum	Dogbane	Db	0	30
Arabis	Rockcress	Ro	30	40
Arenaria	Sandwort	Sw	0	30
" foliosa	Leafy Sandwort	Sw	0	30
" capillaris	Sandwort	Sw	0	30
Arnica foliosa	Leafy arnica	Ar	20	40
Artemisia vulgaris	Mugwort	Sws	10	30
Asclepias	Milkweed	Mw	Po	Po
Aster (mt. meadows)	Aster	Ast	30	60
Astragalus	Loco; Milkvetch; Poisonvetch	Lw	20	40
Baeria	Goldfields	Gf	10	20
Bistorta bistortoides (Polygonum bistortoides)	Bistort	Knw	10	30
Balsamorhiza deltoidea	Balsamroot	Bal	30	60
" hookeri	Hooker balsamroot	Bal	30	60
Boisduvalia glabella	Boisduvalia	Bo	20	30
Brassica	Mustard	Mt.	10	20
Camassia (Quamasic)	Camas	Cam	20	50
Capsella (Bursa-pastoria)	Shepherds-purse	Sp	20	40
Castilleja	Paintbrush; painted-cup	Ipt	10	20
Carum gairderi	Yampa	Car	30	50
Chenopodium	Goosefoot	Lq	20	30
" album	Lambsquarters	Lq	20	30
Cirsium	Thistle	Th	10	0
Collomia linearis	Collomia	Coll	20	30
Crepis	Hawksbeard	Hb	40	60
" acuminata	Tapertip Hawksbeard	Hb	40	60
Cogswellia (Lomatium)	Biscuitroot	Cog	20	40
Collinsia	Collinsia	Col	10	20
Cordylanthus (Adenostegia)	Plumeweed	Cor	10	20
Clarkia	Clarkia		10	20
Delphinium	Larkspur	Lp	Po	40
Downingia elegans	Downingia	Dow	10	20
Erodium Filaree	Cranesbill	Fil	50	80
" cicutarium	Alfileria	Fil	50	80
Chamaenerion angustifolium (Epilobium angustifolium)	Fireweed	Fw	30	60
Epilobium	Willowherb	Wh	10	30
Erigeron	Wild-daisy	Das	30	60
Eriophyllum	Eriophyllum	Er	10	20
Eriogonum nudum	Barestem eriogonum	Bw	30	50
" (other species)	Eriogonum	Bw	10	30
Frasera	Frasera	Ew	10	40
Gayophytum	Ground-smoke	Gay	10	30

WEEDS (Con'd)

Geranium	Geranium	Ger	30	50
Gilia	Gilia	Gil	0	10
Galium	Bedstraw	Bs	0	10
Hieracium	Hawkweed	Hw	10	60
Hookera	Hookera	Bro	10	30
Helenium	Sneezeweed	Snw	Po	
Hydrophyllum	Waterleaf	Wl	60	80
Hypericum	St. Johnswort	Kw	0	10
Iris	Iris	Ir	0	10
Leontodon	Dandelion	Dol	50	80
Lewista	Bitterroot	Bf	10	30
Linum lewisii	Lewis flax	Lf	20	60
Lumatium (See Cogswellic)				
Lotus	Deervetch	Lo	20	40
" (woolly)	Woolly deervetch			
Lupinus breweri	Brewer lupine	Lu	40	60
" Caespitosus	Scrub lupine			
" lyalli	Lyall lupine	Lu	10	20
Lathyrus	Peavine	Lat	50	80
Monardella (Madronella)	Madronella	Mi	10	30
Mimulus	Monkeyflower	Mf	20	40
Madia	Tarweed	Tw	0	0
Orthocarpus	Owlclover	Oc	10	30
Osmorhiza	Sweetroot	Sc	50	50
Pentstemon	Pentstemon	Fg	30	50
Phacelia	Phacelia	Pha	20	40
Paeonis brownii	Browns peony	Pae	10	-
Phlox	Phlox	Ph	0	0
Polemonium	Polemonium	Pol	10	30
Polygonum bistortoides	Bistort			
(See Bistorta)				
" douglasii	Douglas knot	Knw	10	30
" phytolaccaefolium	Fleeceflower	Knw	10	30
Potentilla	Cinquefoil	Ff	20	50
Plectritis	Plectritis	Ple	10	30
Ranunculus	Buttercup	But	10	30
Rumex sp.	Dock	Rum	30	50
Senecio triangularis	Arrowleaf butterweed	Bw	40	50
" (woolly)	Senecio; Groundsel	Bw	10	30
Sidalcea malvae flora	Checkerbloom	Mal	30	60
Sieversia ciliata	Pinkplume	Sci	10	40
Solidago elongata	Creek goldenrod	Gr	10	40
Sisymbrium incisum (Sophia incisa)		Tm	10	30
Spragues umbellata	Pussypaws	Pp	10	30
Swertia	Swertia	Swe	10	20
Sanicula	Sanicle	Sr	10	30
Thalictrum	Meadowrue	Mr	10	20
Trifolium (meadow)	Clover	Clo	70	90
" (sage flats)	Clover	Clo	30	50
" (others)	Clover	Clo	30	50

WEEDS (Cont'd)

Taraxia tanacetifolia	Taraxia	Tta	10	20
Thermopsis	Goldenpea	The	30	40
Vicia americana	American vetch	Ve	70	90
Viola	Violet	Vi	10	30
Veratrum	False-hellebore	Ske	40	60
Verbascum (tall)	Mullein	Ver	0	10
" (turkey mullein)	*	Ver	10	20
Wyethia mollis	Woolly mules-ears	Wy	10	30
Zygadenus	Deathcamas	Dc	Po	Po

BROWSE

Acer	Maple	Ma	20	40
Alnus	Alder	Al	30	40
Amelanchier	Serviceberry	Sb	40	60
Artemisia arbuscula	Low sagebrush			
" tridentata	Big sagebrush	Sge	0	5
Arctostaphylos	Manzanita	Mz	0	0
Berberis	Barberry	Ber	0	0
Ceanothus prostratus	Squawcarpet	Cep	0	0
" velutinus	Snowbrush	Cev	0	0
" integerrimus	Bluebrush	Cin	60	90
" cuneatus	Wedgeleaf ceanothus	Ccu	0	20
" cordulatus	Whitethorn	Cco	10	20
Castanopsis	Chinquapin	Cas	0	0
Cercocarpus betuloides	Birchleaf mountain mahogany	Mm	40	60
" ledifolius	Curl-leaf " "	Mm	10	30
Chrysothamnus	Rabbitbrush	Rb	10	10
Cornus	Dogwood	Dw	10	40
Cercis	Redbud	Cer	20	50
Eriogonum (bush)	Eriogonum	Bw	10	20
Lonicera	Honeysuckle	Hs	20	40
" involucrata	Bearberry	Hon	20	40
Garrya	Silktassel ("Quinine-bush")	Qb	0	0
Holodiscus (Sericotheca)	Rockspirea	Hol	10	20
Prunus demissa	Western chokecherry	Chc	20	40
" emarginata	Bittercherry	Ch	20	40
" subcordata	Pacific plum, "Klamath plum"	Ch	20	40
Purshia tridentata	Bitterbrush	Bb	60	70
Rosa californica	California wild rose	Ro	10	30
Ribes	Currant	Cu	10	30
Salix	Willow	Wil	40	60
Sambucus (glauc.) caerulea,	Elder	Elb	70	80
Symphoricarpos	Snowberry	Snb	30	50
Quercus kelloggii	California Black oak	Qk	20	40
" (breweri) oerstediana	Brewer oak	Qbr	20	40
Marcronema (Aplopappus)	Goldenweed	Mac	0	0
Populus	Arpin; poplar; cottonwood	Asp	40	50

* What is ordinarily called "Turkey mullein" in California is not a mullein at all, but a spurge, *Piscaria setigera* and is poisonous

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL ADJUSTMENT ADMINISTRATION
AAA Range Program - Western Division

RANGE FORAGE PALATABILITY TABLES - 1938.
CALIFORNIA, COAST RANGE ONLY.

Scientific Name	Common Name	Symbol	¹ / ₂ C&H
<u>Grasses</u>			
Agropyron	Wheatgrass	Ag	70
Agrostis	Redtop	Rt	80
Aira (perennials)	Hairgrass	Hg	80
" (annuals)	"		40
Avena fatua & barbata	Wild oats	Wo	40
Bromus (marginatus) carlnatus,	Mountain brome	B	40
" mollis	Soft chess	Bh	50
" tectorum	Downy chess	Ban	10
" rigidus	Ripgut grass	"	30
" rubens	Foxtail chess	"	30
Dactylis glomerata	Orchard grass		40
Danthonia	Oatgrass	Og	50
Elymus	Wild-rye	Ry	30
Festuca (perennials)	Fescue	Fi	60
" (annuals)	Fescue	Fi an	30
Gastridium	Nitgrass	Ga	20
Hordeum	Barley	Wo	30
Melica	Melic	Mg	60
Muhlenbergia	Muhly	Mu	50
Phleum pratense	Timothy	Tm	70
Poa pratensis	Kentucky bluegrass	Bg	80
Poa (others)	Bluegrass		80
Sitanion	Squirreltail	Sit	40
Stipa	Needlegrass	Ng	60

Grasslike Plants

Carex (dryland)	Sedge	Dse	40
" (small-wet)	Sedge	Wse	80
" (large-wet-coarse)	Sedge	Se	80
Luzula (Juncoides)	Woodrush	Lz	30
Juncus, dryland	Rush	Dju	30
" Meadow	Rush	Wju	80
" coarse in clumps	Rush	Ju	30

Weeds

Achillea lanulosa	Western yarrow	Ya	30
Aconitum columbianum	Columbia monkshood	Mh	Po
Adenocaulon bicolor	Silvergreen		10
Agastache	Horsemint	Hm	20
Agoseris glauca	Smooth mountain-dandelion	Md	50

Weeds (Cont'd)

Allium	Onion	On	10
Amsinckia	Fiddleneck	Am	10
Angelica	Angelica	Ang	50
Antennaria	Pussytoes	Ant	0
Apocynum androsaemifolium	Spreading dogbane	Db	0
Arabis	Rockcress	Rc	30
Arnica	Arnica	Ar	10
Asclepias	Milkweed	Mw	Po
Aster	Aster	As	30
Astragalus	Milkvetch (harmless spp)	Lw	10
Balsamorhiza	Balsamroot	Bal	40
Brodiaea (Hookera)	Hookera	Bro	10
Brassica	Mustard	Mt	10
Calyptridium umbellatum (Spraguea umbellata)	Pussypaws	Pp	10
Capsella bursa-pastori	Shepherds-purse	Sp	10
Castilleja	Paintbrush	Ipt	10
Carum	Caraway	Car	30
Collinsia	Collinsia	Co	0
Collomia	Collomia	Col	10
Crepis	Hawksbeard	Hb	20
Cynoglossum	Houndstongue	Ht	10
Delphinium	Larkspur	Lp	Po
Epilobium	Willowherb	Fw	10
Clarkia			
Godetia			
Eremocarpus setigerus (Piscaria setigera)	Turkey-mullein	Tk	0
Erodium	Filaree; Cranesbill	Fil	70
Erigeron	Wild-daisy	Das	30
Eriogonum nudum	Barestem eriogonum	Bw	20
" umbellatum	Eriogonum		10
Eschscholtzia	California-poppy	Pop	0
Fragaria	Strawberry	Sb	20
Gayophytum	Groundsmoke	Gay	0
Gilia	Gilia	Gil	0
Hydrophyllum	Waterleaf	Wl	40
Hypericum	St. Johnswort	Kw	0
Hieracium cynoglossoides	Houndstongue hawkweed	Hw	10
Helianthella	Little-sunflower	Sf	0
Iris	Iris	Ir	0
Leontodon (Taraxacum)	Dandelion	Dan	50
Lotus	Deervetch	Lo	30
Lupinus	Lupine	Lu	30
Medicago	Medick	Brc	80
Madia, Hemizonia	Tarweed	Tw	0
Mentzelia	Blazing-star	Bs	0
Mimulus	Monkey-flower	Mf	10
Montia (M. perfoliata)	Miners-lettuce	ML	10
Monardella (Madronella)	Madronella	Mi	10
Nemophila	Nemophila	Bbe	0
Osmorhiza	Sweetroot	Sc	50

Weeds (Cont'd)

Paeonia brownii	Brown's peony	Pae	10
Pentstemon	Pentstemon	Fg	10
Phacelia	Phacelia	Pha	10
Plantago	Plantain	Bp	10
Platystemon	Platystemon	Pl	0
(N.B.P. californicus)	Creamcups		
Phlox	Phlox	Ph	0
Polygonum	Knotweed	Kn-w	0
Potentilla	Cinquefoil	Ff	10
Plagiobothrys	Bloodweed	Pcf	10
Ranunculus	Buttercup	But	10
Rumex	Dock	Ss	30
Salvia	Sage	Sa	0
Sanicula	Sanicle	Sr	10
Senecio	Senecio: Groundsel;		
	Butterweed	Sen	30
Sidalcea	Sidalcea; Prairie-mallow	Mal	10
Solidago	Goldenrod	Gr	0
Trientalis latifolia	Starflower	Stf	0
Trifolium (meadow)	Clover	Clo	80
" (woodland or weed)	Clover		50
Verbascum	Mullein	Mu	0
Veratrum	False-hellebore	Skc	40
Vicia vetch Lathyrus	Peavine	Be	50
Viola	Violet	Vi	10
Wyethia	Mules-ears	Wy	10
Xerophyllum tenax	Beargrass	Eg	0
Zygadenus	Deathcamas	Dc	Po

Shrubs

Acer	Maple	Ma	20
Adenostoma	Chamise	Ad	0
Aesculus	Buckeye	Be	40
Alnus	Alder	Al	20
Amelanchier alnifolia	Common serviceberry	Srb	40
Artemisia	Sagebrush	Sge	20
Arctostaphylos	Manzanita	Mz	0
Ceanothus cuneatus	Wedgeleaf ceanothus	Cec	20
" cordulatus	Whitethorn	Ceco	10
" integrirrimus	Bluebrush	Swb	50
" macrocarpus	Bigpod ceanothus	Cem	30
Cercis occidentalis	California redbud	Rbd	20
Cercocarpus	Mountain-mahogany	Mm	50
Chrysothamnus	Rabbitbrush	Rb	10
Cornus	Dogwood	Dw	10
Eriodictyon	Verba-santa	Us	10
Fraxinus	Ash	A	50
Ledum	Labrador-Tea	La	Po
Lonicera	Honeysuckle	Hs	20

Shrubs (Cont'd)

Garrya	Silktassel ("Quinine bush")	Stb	0
Lithocarpus	Tan-oak	To	0
Lotus	Deervetch	Lo	30
Philadelphus	Mockorange	Mo	0
Populus	Aspen; poplar; cottonweed	Asp	40
Prunus	Cherry; chokecherry; plum	Ch	10
Quercus douglasii	Blue oak	Qd	20
" dumosa	California shrub oak	Qdu	10
" garryana	Garry oak	Qg	30
" kelloggii	California black oak	Qk	20
" wislizenii	Wislizenus oak	Qw	10
Rhamnus	Buckthorn	Cb	10
Rhododendron (occidentale)	Azalea occidentalis		
	Western azalea	Az	Po
Ribes	Current	Cu	0
Rosa	Rose	Ro	10
Rubus pariflorus	Thimbleberry	Th	0
Rhus diversiloba			
Toxicodendron diversilobum	Pacific poison-oak	Po	20
Salix	Willow	Wil	30
Salvia	Sage	Sn	10
Sambucus	Elder	Elb	70
Spiraea	Spirea	Spi	0
Symphoricarpos	Snowberry	Sn-b	40

United States Department of Agriculture
Agricultural Adjustment Administration
Western Region

CHECK LIST, PALATABILITY TABLE,
AND STANDARD SYMBOL LIST OF
COLORADO AND WYOMING RANGE PLANTS

1938

GRASSES

			<u>Palatability</u>	
			<u>C&H</u>	<u>S&G</u>
AGR	AGROPYRON, cristatum	Crested wheatgrass	70	60
Apa	" pauciflorum	Slender wheatgrass	80	60
Asm	" smithii	Bluestem	80	30
Asp	" spicatum	Bluebunch wheatgrass	80	50
AGT	AGROSTIS, alba	Redtop	70	40
Ahi	" hiemalis	Ticklegrass	70	40
ALO	ALOPECURUS	Alpine foxtail	80	60
AND	ANDROPOGON	Turkeyfoot	40s	10s
Aso	" scoparius	Prairie beardgrass	60s	30s
ARI	ARISTIDA	Red three-awn	40	20
Aol	" oligantha	Prairie three-awn	40	20
BEC	BECKMANNIA	American slough-grass	50	10
BLE	BLEPHARONEURON	Hairy dropseed	70	60
BOU	BOUTELOUA, curtipendula	Side-oats grama	80	50
Bgr	" gracilis	Blue grama	80	80
Bhi	" hirsuta	Hairy grama	80	80
Bro	" rothrockii	Rothrock grama	60	50
BRO	BROMUS, carinatus	Mountain brome	80	60
Bte	" tectorum	Downy chess	10	20
BUC	BUCHLOE	Buffalo grass	80	80
CAL	CALAMAGROSTIS	Bluejoint	10	0
CAF	CALAMOVILFA	Sandgrass	10	0
CEN	CENCHRUS	Sandbur	50sp	30sp
DAN	DANTHONIA	Poverty oatgrass	50	20
DES	DESCHAMPSIA	Tufted hairgrass	60	40
DIS	DISTICHLIS	Desert saltgrass	20	10
ELY	ELYMUS	Giant wild-rye	30	10

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GRASSES

			<u>Palatability</u>	
			<u>C&H</u>	<u>S&G</u>
FES	FESTUCA, arizonica	Arizona fescue	40	20
Fid	" idahoensis	Bluebunch fescue	80	60
Foc	" octoflora	Six-weeks fescue	60	40
Fov	" ovina	Sheep fescue	40	20
HIL	HILARIA, jamesii	Galleta	60	50
Hmu	" mutica	Tobosa grass	40	20
HOR	HORDEUM, jubatum	Foxtail barley	40sp	20s
Hno	" nodosum	Meadow barley	40	20
KOE	KOELERIA	Junegrass	60	50
MEL	MELICA	Oniongrass	70	50
MUH	MUHLENBERGIA, montana	Mountain muhly	60	60
Msq	" squarrosa	Mat muhly	60	50
Mto	" torreyi	Ringgrass	0	10
Mwr	" wrightii	Spike muhly	60	60
ORY	ORYZOPSIS	Indian ricegrass	50	20
PAN	PANICUM	Vine-mesquite	40	20
PHL	PHLEUM	Timothy	80	70
POA	POA, annua	Annual bluegrass	80	70
Ppr	" pratensis	Kentucky bluegrass	80	80
PUC	PUCCINELLIA	Nuttall alkali-grass	20	10
RED	REDFIELDIA	Blowout grass	10	10
SIT	SITANION	Squirreltail	50sp	40s
SPO	SPOROBOLUS, airoides	Alkali sacaton	50	40
Scr	" cryptandrus	Sand dropseed	40	30
Swr	" wrightii	Sacaton	50	40
STI	STIPA, columbiana	Columbia needlegrass	50	40
Sco	" comata	Needle-and-thread	50	40
TRI	TRisetum	Spike trisetum	50	20

GRASS-LIKE SPECIES

			<u>Palatability</u>	
			<u>C&H</u>	<u>S&G</u>
CAR	CAREX	Sedge	40	30
JUD	JUNCOIDES	Wood rush	50	0
JUN	JUNCUS (Sp.)	Rush	40	20

WEEDS

ACH	ACHILLEA	Western yarrow	30	50
ACT	ACTINEA	Pingue	0	0
AGA	AGASTACHE	Horsemint	10	40
AGO	AGOSERIS	Mountain dandelion	50	70
ALM	ALLIUM	Wild onion	50	70
ALS	ALSINE	Chickweed	20	50
AMA	AMARANTHUS	Pigweed	20	70
AMB	AMBROSIA	Ragweed	10	20
ANE	ANEMONE	Anemone	10	40
ANT	ANTENNARIA	Fussytoes	0	0
APL	APLOPAPPUS	Burroweed	0	0
AQU	AQUILEGIA	Colorado columbine	10	20
ARA	ARABIS	Rock cress	20	50
ARE	ARENARIA	Sandwort	0	0
ARG	ARGEMONE	Tricky poppy	10	10
ARN	ARNICA	Arnica	10	30
ART	ARTEMISIA	Herbaceous Sage	0	10
ASC	ASCLEPIAS	Milkweed	0	0

WEEDS

			<u>Palatability</u>	
			<u>C&H</u>	<u>S&G</u>
ASR	ASTER	Aster	0	0
AST	ASTRAGALUS, adsurgens	Milkvetch	0	0
Amx	" mollissimus	Purple loco	0	0
ATR	ATRIPLEX	Salt bush	0	10
BAL	BALSAMORHIZA	Balsamroot	30	60
BIS	BISTORTA	Knotweed	0	30
CAM	CAMPANULA	Bluebell	30	70
CAU	CARUM	Caraway	30	80
CAS	CASTILLEJA	Indian paintbrush	10	30
CER	CERASTIUM	Chickweed	20	40
CHX	CHAMAENERION	Fireweed	30	50
CHE	CHENOPODIUM	Lambsquarter	10	20
DAT	DATURA	Jimson weed	0	0
DEL	DELPHINIUM, menziesii	Low larkspur	0	60
Doc	" occidentalis	Tall larkspur	0	80
DOD	DODECATHEON	Shooting star	0	10
DRA	DRABA	Draba	20	50
DRY	DRYMOCALLIS	Drymocalis	20	50
EPI	EPILOBIUM	Willow-weed	30	50
EQU	EQUISETUM	Horsetail	0	0
ERI	ERIGERON	Wild daisy-fleabane	10	30
ERO	ERIOGONUM	Wild buckwheat or sulphur weed	0	10
ERD	ERODIUM	Alfileria	80	80
FRG	FRAGARIA	Strawberry	0	10
FRS	FRASERA	Elkweed	0	30

WEEDS

Palatability
C&H S&G

GAI	GAILLARDIA	Gaillardia	20	70
GAL	GALIUM	Bedstraw	0	20
GEN	GENTIANA	Gentian	10	20
GER	GERANIUM	Geranium	30	50
GEU	GEUM	Avens	10	30
GIL	GILIA	Gilia	0	10
GRI	GRINDELIA	Gun-plant	0	0
HEN	HELENIUM	Snееzeweed	0	0
HEL	HELIANTHUS	Sunflower	10	60
HER	HERACLEUM	Cow parsnip	60	80
IRI	IRIS	Iris	0	0
LAC	LACTUCA	Wild lettuce	10	30
LAP	LAPPULA	Stickweed	0	0
LAT	LATHYRUS	Peavine	70	80
LEO	LEONTODON	Dandelion	70	80
LEP	LEPIDIUM	Peppergrass	0	10
LIM	LINUM	Prairie flax	10	30
LUP	LUPINUS	Lupine	10	40
MAD	MADIA	Tarweed	0	0
MET	MELILOTUS	Sweet clover	35	55
MEN	MENTHA	Mint	0	0
MEZ	MENTZELIA	Blazing star	0	0
MER	MERTENSIA	Bluebell	50	80
MON	MONARDA	Horsemint	0	30
OXY	OXYTROPIS	White loco	0	50

WEEDS

			<u>Palatability</u>	
			<u>C&H</u>	<u>S&G</u>
PEN	PENTSTEMON	Pentstemon	10	20
THA	THACELIA	Thacelia	20	40
PHL	PHLOX	Thlox	0	10
PLA	PLANTAGO	Plantain	20	60
PON	POLEMONIUM	Skunkweed	10	40
POG	POLYGONUM	Prostrate knotweed	0	30
POT	POTENTILLA	Cinquefoil	10	30
PSE	PSEUDOCYMOPTERUS	False carrot	60	80
FUL	PULSATILIA	Pasqueflower	10	50
RAN	RANUNCULUS	Buttercup	20	60
RUM	RUMEX	Curled dock	0	20
SAL	SALSOLA	Russian thistle	10sp	20s
SEN	SENECIO	Groundsel	10	40
SID	SIDALCEA	Prairie mallow	0	30
SOL	SOLIDAGO	Goldenrod	10	40
SPH	SPHAERALCEA	Globemallow	—	—
THA	THALICTRUM	meadowrue	0	20
THE	THERMOPSIS	Golden pea	0	0
TRI	TRIFOLIUM	Clover	50	60
VAL	VALERIANA	Valerian	20	30
VET	VERATRUM	False-hellebore	0	10
VES	VERBASCUM	Mullein	0	0
VIC	VICIA	American vetch	40	50
WYE	WYETHIA	Mule's ear dock	0	10
ZYG	ZYGADENUS	Death camas	0	0

BROWSE

			<u>Palatability</u>	
			<u>C&H</u>	<u>S&G</u>
ABI	ABIES	Alpine fir	0	0
ACE	ACER	Rocky Mountain maple	0	0
ALN	ALNUS	Alder	10	10
AME	AMELANCHIER	Common serviceberry	20	30
ARC	ARCTOSTAPHYLOS	Manzanita	0	10
ART	ARTEMISIA, aromatica	Aromatic sagebrush	10	20
Afi	" filifolia	Sand sagebrush	0	10
Ano	" nova	Black sagebrush		
Ask	" spinescens	Bud sagebrush	10	80sp
Atr	" tridentata	Big sagebrush	10	20
ART	ATRIPLEX	Fourwing saltbush	20	40
Aco	" confertifolia	Shadscale	20	40
Anu	" nuttallii	Nuttall sagebrush	20	60
BAC	BACCHARIS	Baccharis	0	0
CEA	CEANOOTHUS	Ceanothus	20	30
CEC	CERCOCARPUS	Mountain mahogany	40sp-F	60sp-F
CHY	CHRYSOTHAMNUS, lanceolatus	Lanceleaf yellowbrush	0	20
Cde	" depressus	Rabbitbrush, all others	0	0
COR	CORNUS	Dogwood	30	20
CRA	CRATAEGUS	Hawthorn	0	0
DAS	DASIPHORA	Shrubby cinquefoil	20	60
EPH	EPHEDRA	Ephedra ("Mormon-tea")	10	20
EUR	EUROTIA	Winterfat ("White sage")	50w	80w
GUT	GUTIERREZIA	Snakeweed	0	0
JUP	JUNIPERUS	Cedar	0	0
LEG	LEPARGYREA	Russet buffaloberry	0	0
OPU	OPUNTIA	Prickly pear	0	0

BROWSE

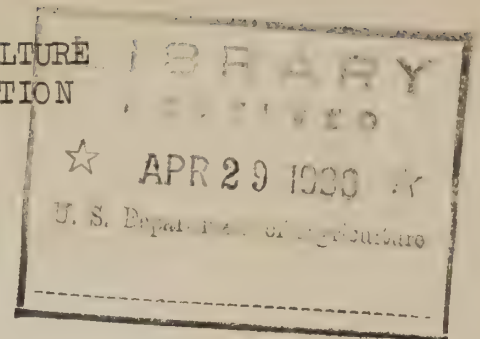
			<u>Palatability</u>	
			<u>C&H</u>	<u>S&G</u>
PIC	PICEA, engelmannii	Engelmann spruce (ES)	0	0
Ppg	" pungens	Colorado blue spruce (BS)	0	0
PIN	PINUS, aristata	Bristlecone Pine (BP)	0	0
Pct	" contorta	Lodgepole pine (LP)	0	0
Ped	" edulis	Pinyon pine (P)	0	0
Pfl	" flexilis	Limber pine (LbP)	0	0
Ppo	" ponderosa	Ponderosa pine (PP)	0	0
POP	POPULUS	Aspen	0	0
PRU	PRUNUS	Chokecherry	20	30
PST	PSEUDOTSUGA	Douglas fir (DF)	0	0
PUR	PURSHIA	Bitterbrush	40sp-F	40sp-F
QUE	QUERCUS	Scrub oak	20sp	10sp
RHU	RHUS	Skunkbush (Squawbush)	0	0
RIB	RIBES	Currant	0	10
ROS	ROSA	Rose	20	30
RUB	RUBUS	Raspberry	0	0
SAL	SALIX	Willow	20	50
SAM	SAMBUGUS	Elderberry	50F	70F
SAR	SARCOBATUS	Greasewood	20	20
SOR	SORBUS	Mountain ash	0	50
SYM	SYMPHORICARPOS	Snowberry	10	40
TAM	TAMARIX	Tamarisk	0	0
TET	TETRADYMIA	Horsebrush	0	0
VAC	VACCINIUM	Blueberry	0	0
YUC	YUCCA	Yucca	0	0

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL ADJUSTMENT ADMINISTRATION

WESTERN REGION

RANGE PALATABILITY TABLES

Kansas - 1938



Made by cooperation of Dr. A. E. Aldous, Kansas State College, and the U. S. Forest Service. Manhattan, Kansas.

SCIENTIFIC NAME	COMMON NAME	CATTLE	SHEEP
	<u>GRASSES</u>	%	%
Agropyron - Smithii	Bluestem	60	40
Agrostis -(Spp)	Redtop	70	40
Andropogon-Furcatus	Big Bluestem	80 (50)	60
-scoparius	Little bluestem	80 (60)	30
sacchoroides	Silver beardgrass	50	30
Aristida - (spp)	Three-awn-grass	20	10
Bouteloua-curtipendula	Sideoats grama	80	50
-gracilis	Blue grama	80	80
-hirsuta	Hairy grama -	80	80
Bromus-spp (Good species)	Bromegrass	80	60
Bromus	Downy Brome	70	50
Bromus (Poor species)	Chess or cheat	10	20
Buchloe-dectyloides	Buffalo grass	80	80
Calamovilfa	Sandgrass	10	0
Cenchrus-spp	Sandbur	20	20
Chloris-spp	Windmill grass	20	10
Distichlis-stricta	Saltgrass	30	10
Elymus-canadensis	Canada Ryegrass	10	0
Eragrostis-cilianensis	Stinkgrass	10	10
Festuca-octoflora	Six-weeks fescue	40	30
Hordeum-pusillum	Little barley	50	20
Koeleria-cristata	Junegrass	70	50
Melica-spp	Melicgrass	70	50
Muhlenbergia-spp	Muhlenbergia	40	20
Munroa-squarrosa	False Buffalo grass	0	0
Panicum-capillare	Witch grass	40	20
-vergaturn	Switch grass	50	20
Phleum-pratense	Timothy	80	70
Poa-spp	Bluegrass	80	70
Redfieldia-flexuosa	Blowout grass	10	10
Setaria - spp	Bristlegrass	40	30
Sorghastrum-nutans	Indian grass	60	20
Aporobolus - airoides	Alkali sacaton	30	20
- asper	Dropseed	30	20
- cryptandus	Sand dropseed	30	20
- neglectus	Dropseed	30	20
Stipa - Fine leaved species	Needlegrass	40	30
- Tall coarse leaved			
spp.	Needlegrass	20	20

SCIENTIFIC NAME	COMMON NAME	CATTLE	SHEEP
<u>GRASSLIKE PLANTS</u>		%	%
Carex - media	Elk sedge	70	50
Carex - Pensylvanica		70	50
Fine to medium leaves			
1. Dry grassland types		60	40
Carex			
Broad leaves			
Wet meadow		70	40
Juncoides	Woodrush	50	
Juncus	Rush		
Wire rush (no leaves)			
1. Drier sites		20	50
Moist sites (leaves)		40	40
<u>WEEDS</u>			
Achillea	Yarrow	35	45
Agastache	Giant hyssop	10	40
Allium	Onion	50	70
Alsine	Chickweed	20	50
Amaranthus	Amaranth	20	70
Ambrosia	Ragweed	10	20
Asclepias - Galiioides	Poison milkweed	30	20
Asclepias	Milkweed	0	0
Amorpha - anescens	Lead plant	10	10
Astragalus	Milkvetch	50	50
Aster - spp	Aster	20	40
Bilderdykia	Bindweed	10	20
Chenopodium	Lambs Quarter	10	30
Chrysopsis	Golden aster	0	10
Cirsium	Thistle	10	10
Dysodia papposa	Fetid merigold	0	0
Equisetum	Horsetail	0	0
Erigeron	Fleabane	20	50
Eriogonum	Oatsfoot	0	20
Eriogonum		0	0
Matted species			
Euthamia	Broomweed	0	0
Euphorbia	Spurge	0	
Gilia	Gilia	0	10
Gnaphalium	Cudweed	0	0
Grindelia squarrosa	Gum weed	0	0
Helianthella	Small sunflower	30	60
Helianthus	Sunflower	30	60
Humulus	Hops	0	0
Iris	Iris	0	0
Lappula	Stickseed	0	10

SCIENTIFIC NAME	COMMON NAME	CATTLE	SHEEP
<u>WEEDS (Cont'd)</u>			
Lathyrus	Peavine	70	80
Climbing species			
Taraxacum	Dandelion	70	80
Lepidium	Peppergrass	20	50
Lesquerella	Bladderpod	10	50
Liatris punctata	Blazing Star	0	0
Linum	Flax	20	50
Lithospermum	Stoonseed	20	50
Lipinus	Lupine	20	60
Machaeranthera		0	0
Malvastrum	False Mallow	0	0
Mentha	Mint	40	70
Monarda	Horsemint	30	40
Oenothera	Evening primrose	20	50
Oxalis	Oxalis	50	70
Pentstemon	Pentstemon	0	0
Pentstemon strictus	Pentstemon	20	50
Pentalostemon	Prairie clover	30	60
Phlox	Phlox	0	10
Plantago - spp	Plantian	0	10
Polygonum species	Knotweed	20	30
Psoralea	Indian turnip	0	0
Ranunculus	Buttercup	20	60
Rumex	Dock	0	20
Salsola pestifera	Russian Thistle	40	40
	Plains mustard	20	50
Sedum	Stonecrop	0	0
Senecio species	Senecio	10	70
Veronia - spp	Iron weed	0	0
Solanum rostratum	Buffalo bur	0	0
Sophia	Tansymustard	20	50
Sphaeralcea	Globemallow	40	70
Tribulus terrestris	Puncture vine	0	0
Trifolium	Clover	30	40
Poorer species			
Trifolium	Clover	80	80
Better species			
Verbena	Vervain	0	0
Vicia	Vetch	70	80
Opuntia - spp	Prickly pear	0	0
Xanthium species	Cockle bur	0	0
<u>SHRUBS</u>			
Artemisia filifolia	Sand sage	20	40
Artemisia cana	White sage	10	20
Artemisia frigida	Silver sage	10	20

SCIENTIFIC NAME	COMMON NAME	CATTLE	SHEEP
<u>SHRUBS</u> (Continued)			
Gutierrezia	Snake weed	0	0
Symphoricarpos	Snowberry		
	(Buck brush)	20	40
Prunus bossyi	Sand cherry	20	20
Rhus - spp	Sumac	0	0
Prunus	Plum brush	0	0
Rosa arkansana	Prairie rose	20	30
Rhus	Sumac	0	0
Tamarisk	Tararisk	0	0
Tetradymia	Horsebrush	0	0
Yucca	Yucca	0	0

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL ADJUSTMENT ADMINISTRATION
WESTERN REGION

RANGE PROGRAM - 1938

RANGE FORAGE PALATABILITIES

MONTANA AND NORTHERN IDAHO

Perennials, Biennials, Annuals indicates P, B or A. A genus with an unknown species is indicated with the first three letters of the generic name in capital letters, thus: ART for Artemisia. If the species is known indicated with the first letter of the genus in capital and the first two letters of the species in small letters, thus: Afr for Artemisia frigida.

GRASSES

<u>Genus and Species</u>	<u>Common Name</u>	<u>Abbrev.</u>	<u>C&H</u>	<u>S&G</u>
P Agropyron cristatum	Crested wheatgrass	Acr.	80	50
P " smithii	Western wheatgrass	Asm.	80	50
P " spicatum	Blue wheatgrass	Asp.	80	50
P Agrostis alba	Redtop	Aal.	80	50
P " exerata	Spike redtop	Aex.	80	50
P " hiemalis	Ticklegrass	Ahi.	60	40
P Andropogon furcatus	Bluejoint turkeyfoot	Afu.	80	50
P " scoparius	Prairie beardgrass	Aso.	20	10
P Aristida longiseta	Red three-awn	Alo.	20	10
P Beckmannia syzigachne	American sloughgrass	Bsy.	50	20
P Bouteloua curtipendula	Side-oats grama	Bcu.	80	50
P " gracilis	Blue grama	Bgr.	80	70
P Bromus anomalus	Nodding brome	Ban.	80	50
P " inermis	Smooth brome	Bin.	80	50
P " marginatus	Large mountain brome	Bma.	80	50
A " tectorum	Downy chess	Bte.	10	20
P Buchloe dactyloides	Buffalo grass	Bda.	80	80
P Calamagrostis canadensis	Bluejoint	Cca.	70	60
P " rubescens	Pinegrass	Cru.	30	20
P Calamovilfa longifolia	Sandgrass	Clo.	20	10
P Danthonia sp.	Oatgrass	DAN.	70	50
P Deschampsia atropurpurea	Mountain hairgrass	Dat.	80	40
P " caespitosa	Tufted hairgrass	Pca.	80	40
P Distichlis stricta	Desert saltgrass	Dat.	20	10
P Elymus canadensis	Canada wild-rye	Ecd.	30	20
P " condensatus	Giant wild-rye	Eco.	10	0
P Festuca idahoensis	Bluebunch fescue	Fid.	80	60
A " octoflora	Sixweeks fescue	Foc.	10	10
P " scabrella	Rough fescue	Fsc.	80	50
P Hordeum jubatum	Foxtail barley	Hju.	20	10
P " nodosum	Meadow barley	Hno.	30	10
P Koeleria cristata	Junegrass	Kcr.	70	50
P Melica sp.	Oniongrass	MEL.	80	60
P Muhlenbergia sp.	Muhly	MUH.	60	30
P Oryzopsis hymenoides	Ricegrass	Ohy.	50	20
P Phleum alpinum	Alpine timothy	Pal.	80	70

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J52 RT
Mont. + No. Idaho
JUN 15 1938

GRASSES

<u>Genus and Species</u>	<u>Common Name</u>	<u>PALATABILITY</u>		
		<u>Abbrev.</u>	<u>C&H</u>	<u>S&G</u>
P Phleum pratense	Timothy	Php.	80	70
P Poa sp.	Bluegrass	Pan.	80	60
P " Arida	Plain Bluegrass	Pad.	70	60
P Schedonnardus paniculatus	Tumblegrass	Spa.	10	10
P Sitanion hystrix	Squirreltail	Shy.	40	10
P Sporobolus airoides	Alkali sacaton	Sai.	50	40
P " cryptandrus	Sand dropseed	Scr.	40	20
P Stipa comata	Needle-and-thread	Sco.	60	40
P Stipa sp.	Needlegrass	STI.	60	40
P Trisetum sp.	Trisetum	TRI.	40	20

GRASSLIKE PLANTS

P Carex atrata	Marsh sedge	Cat.	50	0
P " douglasii	Sedge	Cdo.	80	70
P " filifolia	Niggerwool	Cfi.	80	70
P " geyeri	Sedge	Cge.	80	30
P " stynophylla	Dryland sedge	Cst.	60	50
P Juncoides sp.	Woodrush	JUC.	60	20
P Juncus sp.	Wire-grass	JUN.	10	0
P Scirpus sp.	Club rush	SCI.	0	0

WEEDS

P Achillea sp.	Yarrow	Ala.	20	40
P Allionia sp.	Umbrella-wort	All.	10	10
P Aconitum sp.	Monkshood	ACO.	0	0
P Agoseris sp.	Mountain dandelion	AGO.	60	80
P Allium sp.	Wild onion	ALM.	20	40
A Amaranthus blitoides	Prostrate pigweed	Abl.	0	0
P Anemone sp.	Windflower	ANE.	0	10
A or B Anorga albicaulis	Anorga	Alb.	10	20
P Antennaria sp.	Everlasting	ANT.	0	0
P Aquilegia sp.	Columbine	AQU.	20	30
P Arabis sp.	Mustard	ARA.	10	20
P Arenaria hooker	Sandwort	Ahk.	0	0
P Arnica sp.	Arnica	ARN.	10	30
P Aster sp.	Aster	ASR.	0	0
P " conspicuous	Timber aster	Aco.	10	60
A " tenacetifolia	Tansy aster	Ata.	0	0
P Astragalus mollisimus	Loco	Ano.	0	0
P " calycosus	Milk vetch	Acl.	0	0
P " bisulcatus	Loco	Abi.	0	0
P Balsamorhiza	Balsamroot	Bsa.	10	20
P Brassica sp.	Mustard	BRA.	10	10
AP Campanula sp.	Hair bell	CAM.	10	40
BP Carum sp.	Caraway	CAR.	30	50
AP Castilleja sp.	Indian paint-brush	CAS.	10	30

WEEDS

	<u>Genus and Species</u>	<u>Common Name</u>	<u>Abbrev.</u>	<u>C&H</u>	<u>S&G</u>
AP	Cerastium arvens	Chickweed	Cav.	10	30
P	Chamaenerion sp.	Fireweed	Can.	10	70
A	Chenopodium album	Lamb's quarter	Cal.	10	20
P	Chrysopsis arida d. sp.		Cao.	0	0
B	Cirsium	Thistle	CIR.	0	0
A	Cleoma serrulata	Bee plant	Cse.	0	0
P	Cogswellia sp.	Wild carrot	CCG.	30	50
P	Comandra sp.	Toad flax	Cpa.	0	0
ABP	Crepis sp.	Hawk's beard	CRE.	30	80
AP	Delphinium barbeyi	Tall larkspur	Dbi.	0	60
AP	" bicolor	Low larkspur	Dbi.	0	60
P	Disporum sp.	Disporum	DIS.	0	10
P	Dodecatheon sp.	Shooting star	DOD.	10	80
ABP	Draba sp.	Draba	DRA.	10	20
P	Drymocallis sp.	Drymocallis	DRY.	10	20
AP	Epilobium sp.	Willow herb	EPI.	20	70
P	Equisetum sp.	Horse tail	Equ.	0	0
P	Erigeron sp.	Daisy	ERI.	10	20
P	" caespitosus	"	Ecp.	0	0
P	Eriogonum	Umbrella plant	ERO.	0	20
P	Erythronium	Dog-tooth violet	ERY.	20	80
P	Fragaria	Strawberry	FRG.	0	10
P	Frasera discolor	Elk weed	Fdi.	0	0
P	Gaillardia	Brown-eyed susan	GAI.	0	20
AP	Galium	Bedstraw	GAL.	0	0
	Gaura coccinea	Gourd	Gcc.	0	0
P	Gentiana	Gentian	GEN.	10	20
P	Grindelia sp.	Gumplant	Gri.	0	0
P	Geranium	Geranium	GER.	40	60
P	Gilia sp.	Gilia	GIL.	0	10
P	Geum	Avens	Geu.	20	30
P	Glycyrrhiza lepidota	Wild licorice	Gle	0	0
P	Heracleum	Cow parsnip	HER.	30	70
P	Helianthella	False sunflower	HEL.	10	20
P	Heuchera	Alum root	HEU.	0	10
A	Helianthus annuus	Sunflower	Han.	10	20
P	Hieracium sp.	Wooly weed	Hic.	50	80
P	Iva axillaris	Poverty weed	Iax.	0	0
P	Lappula occidentalis	Stickseed	LAP.	0	0
PB	Lactuca	China lettuce	LAC.	20	70
P	Lathyrus	Pea vine	LAT.	50	80
P	Laciniaria punctata	Blazing star	Lpn.	0	10
ABP	Lepidium sp.	Pepper grass	Lep.	0	0
P	Linum	Wild flax	LIN.	10	20
P	Leucocrinum montanum	Mountain lily	Lmn.	10	80
P	Lithospermum	Puccoon	LIT.	0	10
P	Lupinus	Lupine	LUP.	10	40
P	Lygodesmia juncea	Skeleton weed	Lju.	0	0

WEEDS-

<u>Genus and Species</u>		<u>Common Name</u>	<u>Abbrev.</u>	<u>C&H</u>	<u>S&G</u>
P	Mentha	Mint	MEN.	10	20
A	Malva rotundifolia	Mallow	Mro.	0	10
P	Mertensia	Blue bell	MER.	20	80
AP	Monarda	Horse mint	Mon.	0	0
P	Myosotis	Forget-me-not	MYO.	20	40
B	Melilotus alba	White sweet clover	Mal.	40	60
P	"	Yellow " "	MEL.	60	60
A	Monolepis nuttalliana	Onescale	Mnl.	20	30
B	Oenothera strigosa	Evening primrose	Ost.	10	40
P	Opuntia	Prickly pear	Cpo.	0	0
P	Osmorhiza	Sweet cicely	OSM.	10	80
P	Oxytropis	Loco	OXY.	0	20
P	Pedicularis	Elephant's head	PED.	0	10
P	Pentstemon	Beard tongue	PEN.	10	20
P	Petalostemon oligophyllus	Prairie clover	Pog.	10	20
PA	Phacelia	Phacelia	PHA	10	20
P	Phlox douglasii	Dwarf phlox	Pdo.	0	10
P	" longifolia	Tall phlox	Plo.	10	20
A	Plantage purshii	Plantain	Ppu.	0	0
P	Polemonium	Skunk weed	POL.	10	20
A	Polygonum	Knot weed	POY.	0	10
P	Potentilla	Cinquefoil	POT.	10	30
P	Psoralea esculenta	Indian turnip	Pes.	0	0
P	Pulsatilla	Wind flower	PUL.	0	40
P	Ranunculus	Buttercup	RAN.	10	70
P	Rudbeckia	Niggerhead	RUD.	0	20
P	Rumex venosus	Sorrel	Rve.	0	50
A	Salsola pestifer	Russian thistle	Spe.	10	20
P	Saxifraga	Saxifrage	SAX.	10	20
P	Selaginella	Clubmoss	Sol.	0	0
P	Scrophularia	Figwort	SCR.	0	10
P	Sedum	Stone crop	SED.	0	0
P	Senecio aureus	Golden rag wort	Sau.	40	70
P	" camus	Wooly groundsel	Sca.	10	30
P	" triangularis	Butter wood	Str.	40	70
P	Sieversia	Old-man's whiskers	STE.	10	10
B	Sophia sp.	Tansy mustard	Sop.	0	10
P	Solidago	Goldenrod	SOD.	10	20
P	Taraxacum officinale	Dandelion	Tof.	30	60
P	Thalictrum	Meadow rue	THA.	0	10
P	Thermopsis	Yellow pea	THE.	0	10
P	Thlaspi arvens	Fan weed	Tar.	0	0
PB	Townsendia	Townsendia	TBW.	0	0
P	Tragopogon	Salsify	TRG.	0	10
P	Trifolium	Clover	Trf.	80	80
AP	Urtica	Nettle	URT.	0	0
P	Vagnera	False solomon's seal	VAG.	0	20
P	Valeriana	Valerian	VAL.	30	80
P	Veratrum	False hellebore	VER.	0	0

WEEDS

	<u>Genus and Species</u>	<u>Common Name</u>	<u>Abbrev.</u>	<u>C&H</u>	<u>S&G</u>
AB	Verbascum	Mullen	VES.	0	0
AP	Vicia	Vetch	VIC.	40	50
P	Viola nuttallii	Violet	Vnu.	0	30
P	Xerophyllum	Bear-grass	XER.	0	0
P	Zygadenus	Death camas	ZYG.	0	0

SHRUBS AND TREES

P	Abies grandis	White fir	Agr.	0	0
P	" lasiocarpa	Alpine fir	Als.	0	0
P	Acer glabrum	Mountain maple	Agl.	0	10
P	Alnus	Alder	ALN.	0	10
P	Amelanchier	Serviceberry	AME.	60	80
P	Apocynum	Dogbane	APC.	10	10
P	Arctostaphylos	Kinnikinnick	ARC.	0	0
P	Artemisia cana	Silver sage	Acx.	30	40
P	" incompta	Green sage	Ain.	0	0
P	" discolor	Green sage	Adi.	0	0
P	" forwoodii	Green sage	Afo.	10	20
P	" frigida	Sweet sage	Aci.	10	20
P	" pedatifida		Ape.	0	10
P	" tridentata	Big sage	Atr.	10	20
P	Atriplex nuttallii	Nuttall saltbush	Amu.	20	50
P	" canescens	Fourwing saltbush	Acs.	20	40
P	" rosea		Aro.	0	30
P	Betula	Birch	BET.	0	0
P	Ceanothus sanguineus	Small leaf ceanothus	Csa.	40	80
P	" velutinus	Snowbush	Cve.	0	0
P	Cercocarpus ledifolius	Curled leaf mahogany	Cle.	0	0
P	" montanus	Mountain mahogany	Cmo.	40	80
P	Chrysothamnus lanceolatus	Rabbit bush	Cl1.	10	30
P	Clematis	Clematis	CLE.	0	20
P	Cornus	Dogwood	COR.	0	10
P	Crataegus	Hawthorn	CRA.	40	80
P	Dasiophora	Shrubby cinquefoil	Dfr.	10	30
P	Erotia lanata	Winter fat	Ela.	40	80
P	Fraxinus	Green ash	FRA.	10	80
P	Grossularia	Gooseberry	GRO.	10	20
P	Gutierrezia sarothrae	Broom snakeweed	Gsa.	0	0
P	Juniperus communis	Dwarf juniper	Jco.	0	0
P	" scopulorum	Rocky Mt. red cedar	Jac.	0	0
P	Larix	Alpine larch	LAR.	0	0
P	" occidentalis	Western larch	Loc.	0	0
P	Lepargyrea argentea	Buffalobery	Lar.	0	0
P	" canadensis	Nannyberry	Lca.	10	30
P	Linnaea	Twin flower	LTN.	0	0
P	Lonicera	Honeysuckle	LON.	0	0
P	Menziesia	Laurel	MEN.	0	0

SHRUBS AND TREES

<u>Genus and Species</u>	<u>Common Name</u>	<u>Abbrev.</u>	<u>C&H</u>	<u>S&G</u>
P Odostemon	Oregon grape	ODO.	0	0
P Opulaster	Ninebark	OPU.	0	10
P Pachistima	Mountain lover	PAC.	0	0
P Pentstemon	Bush pentstemon	PET.	0	20
P Philadelphus	Mock orange	PHI.	30	60
P Picea engelmannii	Engelmann spruce	Pen.	0	0
P Pinus albicaulis	Whitebark pine	Pab.	0	0
P " contorta	Lodgepole pine	Pco.	0	0
P " flexilis	Limber pine	Pfl.	0	0
P " monticola	White pine	Pmo.	0	0
P " ponderosa	Yellow pine	Ppo.	0	0
P Populus tremuloides	Quaking aspen	Pte.	10	50
P " trichocarpa	Cottonwood	Ptr.	0	0
P Prunus demissa	Chokecherry	Pde.	20	30
P Purshia tridentata	Bitterbrush		20	20
P Pseudotsuga taxifolia	Douglas fir	Pta.	0	0
P Rhus	Sumac	RHU.	0	0
P Ribes	Currant	Rib.	0	10
P Rosa	Rose	ROS.	20	40
P Rubus melanolasius	Western red raspberry	Rme.	0	40
P " parviflorus	Thimbleberry	Rpa.	0	10
P Salix sp.	Willow	SAL.	30	50
P Sambucus	Elderberry	SAM.	10	60
P Sarcobatus vermiculatus	Greasewood	Sar.	30	40
P Sericotheca	Ocean spray	SER.	0	10
P Spiraea	Meadowsweet	SPI.	0	0
P Symphoricarpos	Snowberry	Sym.	20	30
P Taxus	Yew	TAX.	0	0
P Thuja	Western red cedar	THU.	0	0
P Vaccinium caespitosum	Dwarf wurtleberry	Vca.	0	0
P " membranaceum	Tall huckleberry	Vme.	10	30
P Yucca glauca	Small soapweed	Ygl.	0	0

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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL ADJUSTMENT ADMINISTRATION
WESTERN REGION

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★ JUL 1 1938
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PALATABILITY OF RANGE AND PASTURE GRASSES FOR USE IN
DETERMINING GRAZING CAPACITY.

North Dakota - 1938.

SPECIES	COMMON NAMES	SYMBOL	Palatability (percent)	
			Cattle	Sheep Horses Goats
(a) annuals				
<u>GRASSES</u>				
Agropyron	Wheatgrass	Ag	80	50
Agrostis hiemalis	Ticklegrass	Ah	40	20
Andropogon furcatus	Big bluestem	Af	80	70
" Scoparius	Little bluestem	And	30	10
Aristida	Three-awn	Ar	10	10
Bouteloua	Grama	B	80	80
Bromus	Bromegrass	Br	80	50
Bromus tectorum (a)	Downy chess	Bt	20	10
Buchloe dactyloides	Buffalo grass	Bd	80	80
Calamovilfa longifolia	Sand grass	Cl	20	10
Distichlis stricta	Alkali or saltgrass	Dst	20	10
Elymus canadensis	Canada wild-rye	E	40	20
Festuca octoflora (a)	Sixweeks fescue	Fo	10	10
" ovina	Sheep fescue	Fov	70	70
Hordeum jubatum	Foxtail barley	Hj	40	10
Koeleria cristata	Junegrass	K	80	60
Muhlenbergia cuspidata	Plains Muhly	M	20	10
Oryzopsis hymenoides	Indian ricegrass	Oh	80	60
Panicum virgatum	Switchgrass	Pv	20	10
Poa	Bluegrasses	Poa	80	70
Poa palustris	Fowl bluegrass	Pop	40	20
Puccinellia nuttalliana	Nuttall alkali-grass	Puc	60	40
Sporobolus cryptandrus	Sand dropseed	Sc	50	30
Stipa comata	Needle-and-thread	S	60	40
" viridula	Green needlegrass	Sv	70	50
<u>Grasslike Plants</u>				
Carex filifolia	Niggerwool (sedge)	Cf	70	40
" heliophila	Yellow sedge	Ch	80	70
Eleocharis	Spike rush (sedge)	El	40	40
Juncoides	Woodrush	J	50	20
Juncus	Wire rush	Ju	20	10
Scirpus	Bulrush	Sir	50	20

SPECIES	COMMON NAME	SYMBOL	Palatability (percent)	
			Cattle	Sheep
			Horses	Goats
<u>WEEDS</u>				
Achillea	Yarrow	Ach	20	40
Agroseris	Mt. dandelion	Agr	60	80
Aster	Wild Aster	Ast	20	40
Astragalus	Milk vetch	Mv	40	50
Chenopodium	Pig weed - Lamb's quarter	Ch	20	40
Cogswellia	Parsley	Cog	30	50
Erigeron	Daisy	Eri	20	30
Helianthus	Sunflower	He	10	20
Lathyrus	Pea vine	L	50	80
Lactuca	Wild lettuce	La	10	20
Psoralea argophylla	Silver P	Ps	30	10
Ranunculus	Buttercup	R	10	70
Salsola pestifer	Russian thistle	Rt	20	10
Senecio	Groundsel	Sen	20	30
Solidago	Golden rod	Sol	20	50
Taxaxacum	Dandelion	T	50	80
Vicia	Vetch	V	50	70

TREES AND SHRUBS (Browse)

Amelanchier	Serviceberry	Am	60	80 *
Artemisia canadensis	Canada green sage	Arc	30	10
" cana	Hoary sage	Hs	0	5 *
" frigida	Silver sage	Af	10	20
" dracunculoides	Green sage	Ard	30	20
" gnaphalodes	White sage	Arg	30	30
" tridentata	Black sage-Big sage	Art	0	5 *
Atriplex	Salt sage	At	40	60
Crataegus	Hawthorn	C	40	80 *
Eurotia lanata	Winter fat	El	40	70
Fraxinus	Green ash	Ash	10	80 *
Lepargyrea canadensis	Nannyberry	Ln	10	30 *
Populus	Poplar	P	10	50 *
Rosa	Wild rose	Ro	20	40 *
Salix	Willow	Sal	30	70 *
Sambucus	Elderberry	Sam	10	60 *

Note: The above are plants that are most commonly found on the range in western North Dakota. The percentage is based on 80 percent consumption of the better forage as the maximum utilization.

*Cultivated	** Cultivated and native		(a) annual	
SPECIES	COMMON NAME	SYMBOL	Palatability (percent)	
			Cattle	Sheep
			Horses	Goats

TREES AND SHRUBS (Browse) Cont'd

Sarcobatus	Greasewood	Sar	0	0 *
Symphoricarpos	Buck brush -			
	Snowberry	Sy	20	30
Prunus	Chokecherry	Pr	20	40
	Plum-Sandcherry			
Elymus glaucus	Western wild-rye	Eg	60	40
" macounii	Macoun wild-rye	Em	30	10
" Virginicus	Virginia wild-rye	Ev	60	40
Festuca elator*	Meadow fescue	F	80	50
" octoflora (a)	Sixweeks fescue	Fo	10	10
" Ovina	Sheep fescue	Fo	70	70
Glyceria	Manna grass	G	40	20
Hordeum jubatum	Foxtail barley	Hj	40	10
Koeleria cristata	Juncgrass	K	80	60
Muhlenbergia cuspidata	Plains Muhly	M	20	10
" racemosa	Marsh "	Mr	40	20
" squarrosa	Mat "	Ms	80	70
Munroa squarrosa (a)	False buffalo grass	Mum	0	10
Oryzopsis hymenoides	Indian ricegrass	Oh	80	60
Panicum capillare (a)	Witchgrass	Pc	20	10
" virgatum	Switchgrass	Pv	40	20
" wilcoxianum	Wilcox's panicum	Pw	20	10
Phalaris arundinacea **	Reed canary grass	Pa	80	60
Phleum pratense *	Timothy	Pp	80	70
Phragmites communis	Common reed	Phc	20	10
Poa ampla	Big bluegrass	Po	80	70
" arida	Plains "	pb	60	50
" canbyi	Canby "	Poc	80	70
" glaucifolia	Wild "	Pog	80	70
" longiligula	Longtongue mutton			
	grass	Pol	80	70
" palustris	Fowl bluegrass	Pon	40	20
" pratensis *	Kentucky "	Kb	80	70
" secunda	Sandberg "	Pos	80	70
Puccinellia Nuttalliana	Nuttall alkali-			
	grass	Puc	60	40
Schedonnardus paniculatus	Tumblegrass	Sp	10	0
Sitanion hystrix	Squirreltail	Sh	40	10
Sorghastrum nutans	Indian grass	Sn	40	20
Spartina gracilis	Alkali cordgrass	Sg	20	10
" pectinata	Prairie "	Sp	10	0
Sphenopholis obtusata	" wedgegrass	So	70	50

*Cultivated	** Cultivated and native		(a) annual	
SPECIES	COMMON NAME	SYMBOL	Palatability (percent)	
			Cattle	Sheep
			Horses	Goats
Sporobolus airoides	Alkali sacaton	Sn	40	20
" cryptandrus	Sand dropseed	Sc	50	30
" heterolepis	Prairie "	She	50	30
Stipa comata	Needle-and-thread	S	60	40
" spartea	Porcupine grass	Ss	40	20
" viridula	Green Needlegrass	Sv	70	50

NOTE: The above estimates are based on seasonal use (spring to fall). Some of the ones that may appear low, might be used to a greater extent in winter. The percentage is based on 80 percent consumption of the forage as the maximum utilization. This table is most applicable to central and western North and South Dakota, but may apply equally well to other areas of a similar nature.

United States Department of Agriculture
Agricultural Adjustment Administration
Western Region

RANGE FORAGE PALATABILITY TABLES
RANGE CONSERVATION PROGRAM - 1938
OREGON and WASHINGTON

GRASSES

<u>Scientific Name</u>	<u>Common Name</u>	<u>Abbrev.</u>	<u>% Palatability</u>	
			<u>C & H</u>	<u>S & G</u>
Agropyron caninum	Bearded wheatgrass	Aca	70	40
" cristatum	Crested wheatgrass	Acr	70	40
" pauciflorum	Slender wheatgrass	Apu	70	40
" dasystachyum	Thickspike wheatgrass	Ada	70	40
" pseudorepens	Western couch grass	Arp	70	40
" repens	Quackgrass	Are	60	30
" saxicola	Sitanion-like wheatgrass	Asa	60	30
" Smithii	Bluestem	Asm	70	40
" Spicatum	Bluebunch wheatgrass	Asp	70	40
" spp.	Wheatgrasses	AGR	70	40
Agrostis alba	Redtop	Aal	70	30
" exarata	Spike redtop	Aex	70	40
" hiemalis	Ticklegrass	Ahi	50	30
" rossae	Ross redtop	Aro	70	40
" spp.	Redtops	AGO	--	--
Avena fatua	Wild oat	Afa	70	40
Bromus breviaristatus		Bbe	60	40
" brizaeformis	Rattlesnake chess	Bbr	30	20
" carinatus	California brome	Bca	60	40
" ciliatus	Fringed brome	Bci	60	40
" commutatus	Hairy chess	Bco	20	20
" marginatus	Big mountain brome	Bma	60	40
" mollis	Soft chess	Bmo	20	20
" tectorum	Downy chess	Bte	20	20
" vulgaris	Wild smooth brome	Bvu	50	30
" spp. (annual)	Annual bromes	BRO-A	20	20
Calamagrostis canadensis	Bluejoint	Cca	60	70
" rubescens	Pinegrass	Cru	20	10
Danthonia californica	California oatgrass	Dca	70	30
" intermedia	Timber oatgrass	Din	70	30
Deschampsia caespitosa	Tufted hairgrass	Dce	70	40
" danthonioides	Annual hairgrass	Dda	20	20
" elongata	Slender hairgrass	Del	35	20
Distichlis stricta	Desert saltgrass	Dst	40	20
" spicata	Seashore saltgrass(west side)	Dsp	40	20

GRASSES

<u>Scientific Name</u>	<u>Common Name</u>	<u>Abbrev.</u>	<u>% Palatability</u>	
			<u>C & H</u>	<u>S & G</u>
Elymus aristatus		Eai	70	40
" condensatus	Giant wild-rye	Eco	60	10
" glaucus	Blue wild-rye	Egl	40	20
" triticoides	Beardless wild-rye	Etr	70	40
Eragrostis cilianensis	Stinkgrass	Eci	20	10
Festuca idahoensis	Bluebunch fescue	Fid	60	40
" megalura	Foxtail fescue	Fme	20	20
" occidentalis	Western fescue	Fos	70	40
" octoflora	Six-weeks fescue	Foc	20	20
" ovina	Sheep fescue	Fov	70	40
" pacifica	Pacific fescue	Fpa	20	20
" rubra	Red fescue	Fru	70	40
" subulata	Bearded fescue	Fsu	70	40
" viridula	Green-leaf fescue	Fvi	70	50
" spp. (annual)	Annual fescues	FES-A	20	20
Glyceria elata	Tall mannagrass	Gel	60	30
" pauciflora	Weak mannagrass	Gpa	60	30
" striata	Fowl mannagrass	Gst	60	30
Hierochloe odorata	Sweetgrass	Hod	50	30
Holcus lanatus	Velvet grass	Hla	60	30
Hordeum jubatum	Foxtail barley	Hju	20	20
" murinum	L. Mouse barley	Hmu	20	20
" nodosum	Meadow barley	Hno	40	30
Koeleria cristata	Junegrass	Kcr	70	50
Melica bulbosa	Oniongrass	Mbu	60	40
" fugax	Little oniongrass	Mfu	60	40
" spectabilis	Purple oniongrass	Msp	60	40
" subulata	Alaska oniongrass	Msu	60	40
" spp.	Oniongrasses	MEL	60	40
Muhlenbergia arenacea	Muhly	Mae	60	40
" asperifolia	Scratchgrass	Mas	20	30
" filiformis	Pull-up muhly	Mfi	60	40
" squarrosa	Mat muhly	Msq	60	40
Oryzopsis hymenoides	Indian ricegrass	Ohy	40	30

GRASSES

<u>Scientific Name</u>	<u>Common Name</u>	<u>Abbrev.</u>	<u>% Palatability</u>	
			<u>C & H</u>	<u>S & G</u>
Panicum capillare occidentale	Witchgrass	Pcao	40	20
Phalaris arundinacea	Reed canary grass	Par	70	20
Phleum alpinum	Alpine timothy	Pal	70	40
" pratense	Timothy	Ppe	70	40
" spp.	Timothy	PHI	70	40
Poa ampla	Big bluegrass	Pam	70	60
" annua	Annual bluegrass	Pan	35	20
" bulbosa	Bulbous bluegrass	Pbu	70	60
" canbyi	Canby bluegrass	Pci	70	60
" compressa	Canada bluegrass	Pco	70	60
" cusickii	Cusick bluegrass	Pcu	70	60
" epilis	Skyline bluegrass	Pep	70	60
" juncifolia	Alkali bluegrass	Pju	70	60
" leptocoma	Bog bluegrass	Plp	70	60
" nervosa	Wheeler bluegrass	Pnr	70	60
" nevadensis	Nevada bluegrass	Pne	70	60
" pratensis	Kentucky bluegrass	Ppr	70	60
" scabrella	Pine bluegrass	Psa	70	60
" secunda	Sandberg bluegrass	Pse	60	40
" spp.	Perennial bluegrasses	POA	70	60
Puccinellia distans	Alkali grass	Pdi	40	30
Sitanion hystrix	Squirreltail	Shy	20	10
Sitanion jubatum	Big squirreltail	Sju	20	10
Sporobolus cryptandrus	Sand dropseed	Scr	70	40
Stipa columbiana	Columbia needlegrass	Scl	20	10
" comata	Needle-and-thread	Sco	40	30
" lemmoni	Lemmon needlegrass	Slm	40	30
" occidentalis	Western needlegrass	Soc	40	30
" thurberiana	Thurber needlegrass	Sth	40	30
" spp.	Needlegrasses	STI	40	30
Trisetum canescens	Tall trisetum	Tca	40	15
" spicatum	Spiketrisetum	Tsp	50	30
" wolfii	Wolfs trisetum	Tvo	40	15
" spp.	Trisetum	TRI	--	--

GRASSLIKE PLANTS

Carex amplifolia	Sedge	Cam	40	20
" disperma	Sedge	Cdi	40	20

GRASSLIKE PLANTS

<u>Scientific Name</u>	<u>Common Name</u>	<u>Abbrev.</u>	<u>% Palatability</u>	
			<u>C & H</u>	<u>S & G</u>
Carex douglasii	Douglas sedge	Cdo	50	40
" festivella	Oval head sedge	Cfe	40	20
" filifolia	Sedge	Cfi	50	40
" geyeri	Elk Sedge	Cge	50	40
" gymnoclada	Naked stem sedge	Cgy	40	20
" hoodii	Hood sedge	Cho	40	20
" laeviculmis	Smoothstem sedge	Cls	40	20
" mertensii	Bluestem sedge	Cme	40	20
" mubicola	Sedge	Cnc	50	40
" pachystacha	Sedge	Cnc	50	40
" raynoldsii	Raynolds sedge	Cra	50	40
" rossii	Ross sedge	Crc	50	40
" spp. (meadow)	Meadow sedges	CAR-M	40	20
" spp. (dry land)	Dry-land sedges	CAR-D	50	40
Eleocharis polustris	Spike rush	Ena	20	0
Eriophorum gracile	Slender cottonsedge	Egc	20	10
Juncoides campestre	Woodrush	Jca	40	20
" comosa	Woodrush	Jco	40	20
" glabratum	Woodrush	Jgl	40	20
" parviflorum	Woodrush	Jpa	40	20
" spicatum	Woodrush	Jsp	40	20
" spp.	Woodrush	JUN	40	20
Juncus balticus	Baltic juncus	Jba	30	20
" bufonius	Toad rush	Jbu	30	20
" confusus	Rush	Jcn	30	20
" drummondii	Drummond rush	Jdr	30	20
" ensifolius	Rush	Jen	30	20
" parryi	Parry's rush	Jpr	30	20
" regelii	Regel rush	Jre	30	20
" saximontanus	Mountain rush	Jsa	30	20
" spp.	Rush	JUC	30	20
Scirpus validus	True rush	Sva	10	0

SHRUBS

<u>Scientific Name</u>	<u>Common Name</u>	<u>Abbrev.</u>	<u>% Palatability</u>	
			<u>C & H</u>	<u>S & G</u>
Acer glabrum	Rocky Mountain maple	Agl	10	20
" circinatum	Vine maple	Aci	10	20
Alnus oregona	Red alder	Aoe	10	20
" sinuata	Sitka alder	Asi	10	20
" tenuifolia	Mountain alder	Ate	10	20
" spp.	Alders	ALN	10	20
Amelanchier alnifolia	Common serviceberry	Aaa	40	60
" florida	Pacific serviceberry	Afo	40	60
Aplopappus greenii	Goldenweed	Agv	0	5
Arctostaphylos platyphylla		App	0	0
" uva-ursi	Kinnikinnick	Auu	0	0
Artemisia arbuscula	Low sagebrush	Abu	0	10
" cana	Silver sagebrush	Ana	0	5
" frigida	Estafiata	Afr	0	20
" gnaphalodes	Cudweed sagebrush	Agn	0	5
" ludoviciana	Louisiana wormwood	Ald	0	10
" nova	Black sage	Ano	0	10
" rigida	Stiff sagebrush	Arg	0	0
" tridentata	Big sagebrush	Atr	0	5
" tripartita	Threetip sagebrush	Atf	0	0
" spinescens	Bud sagebrush	Asg	0	20
" spp.	Sagebrush	ART	-	-
Atriplex canescens	Fourwing saltbush	Axc	10	40
" confertifolia	Shadscale	Axa	10	40
" spp.	Atriplex	ATR	10	40
Azaleastrum albiflorum	False-azalea	Aab	0	poison
Betula fontinalis	Red birch	Bfo	5	10
" glandulosa	Resin birch	Bgl	5	10
" spp.	Birch	BET	5	10
Cassiope mertensiana	Mertens cassiope	Cnr	0	0
Ceanothus integerrimus	Bluebrush	Cis	40	60
" sanguineus	Red soapbloom	Csa	40	60
" velutinus	Snowbrush	Cvl	0	0
Cercocarpus ledifolius	Curlleaf mt. mahogany	Cld	0	0
Chimaphila menziesii	Princes pine	Cmn	0	0
" umbellata	Common pipsissewa	Cum	0	0
Chrysothamnus nauseosus	Rubber rabbit brush	Cnu	0	0
" speciosus	Tall rabbit brush	Cus	0	0
" viscidiflorus	Douglas rabbit brush	Cvs	0	0
" spp.	Rabbit brush	CHR	0	0
Clematis columbiana	Columbia clematis	Ccm	0	0
" ligusticifolia	Western virgin bower	Clg	0	0

SHRUBS

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Cornus canadensis	Bunchberry	Ccd	0	0
" occidentalis	Western cornel	Coc	0	10
" stolonifera	Red-osier cornel	Cso	0	10
" spp.		COR	-	-
Corylus californica	California hazel	Cci	0	10
Crataegus douglasii	Black hawthorn	Cdl	0	5
Dasiphora fruticosa	Bush cinquefoil	Dfr	0	20
Eurotia lanata	Winter fat	Elt	30	50
Gaultheria ovatifolia	Bush wintergreen	Gov	0	0
" shallon	Salal	Gsh	0	0
Gravia spinosa	Hop sage	Gsp	0	10
Grossularia inermis	Whitestem gooseberry	Gin	10	20
" velutina	Shiny-stem gooseberry	Gvl	10	20
" watsoniana	Watson gooseberry	Gwa	10	20
" spp.	Gooseberry	GRO	10	20
Ledum glandulosum	Smooth Labrador-tea	Lgl	0	0
Lepargyrea canadensis	Russet buffaloberry	Lca	0	0
Leptodactylon nuttallii	Nuttall gilia	Lnt	0	0
" pungens	Prickly gilia	Lpl	0	10
Linnaea borealis americana	American twinflower	Lbo	0	0
Lonicera ciliosa	Red-flower honeysuckle	Lci	0	0
" involucrata	Bearberry honeysuckle	Lin	0	0
Menziesia ferruginea	Rusty menziesia	Mfe	0	poison
Odostemon aquifolium	Oregon hollygrape	Oaq	0	0
" nervosus	Longleaf hollygrape	One	0	0
" repens	Creeping hollygrape	Ore	0	0
Opulaster opulifolius	Ninebark	Oop	0	10
Pachistima myrsinites	Mountain lover	Pmy	0	5
Perophyllum ramosissimum	Squaw-apple	Pra	0	0
Philadelphus lewisii	Lewis mockorange	Plw	10	10
Phyllodoce empetrifolia	Red mountain heath	Pem	0	0
" glanduliflora	Cream mountain heath	Pgl	0	0
Populus tremuloides	Aspen	Pte	20	40
" trichocarpa	Black cottonwood	Pti	10	10
Prunus demissa	Western chokecherry	Pde	10	20 poison
" emarginata	Bitter cherry	Pea	20	30
Purshia tridentata	Bitterbrush	Ptr	40	50

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Rhamnus purshiana	Cascara	Rpu	0	10
Rhus diversiloba	Poison oak	Rdi	0	0
" toxicodendron	Poison ivy	Rto	0	0
" trilobata	Squaw-bush	Rtr	0	10
Ribes aureum	Golden currant	Rau	10	20
" bracteosum	Stink currant	Rbr	10	20
" cereum	Wax currant	Rce	10	20
" howellii	Howell currant	Rho	10	20
" lacustre	Swamp currant	Rla	10	20
" montigenum	Gooseberry currant	Rmo	10	20
" petriolore		Rpe	10	20
" sanguineum	Winter currant	Rsa	10	20
" viscosissimum	Sticky currant	Rvi	10	20
" spp.	Currants	RIB	10	20
Rosa gymnocarpa	Bald-hip rose	Rgy	20	50
" mutkana	Nootka rose	Rnu	20	40
" pisocarpa	Cluster rose	Rpi	20	40
" spp.	Rose	ROS	20	40
Rubus laciniatus	Evergreen blackberry	Rlc	0	10
" leucodermis	Whitebark raspberry	Rle	0	10
" parviflorus	Thimbleberry	Rpa	5	20
" pedatus	Herb raspberry	Rpd	0	0
" spectabilis	Salmonberry	Rse	10	40
" spp.		RUB	-	-
Salix spp.	Willow	SAL	20	40
Sambucus callicarpa	Redberry elder	Scc	30	50
" caerulea	Blueberry elder	Sce	50	70
Sarcobatus vermiculatus	Greasewood	Sve	10	20
Sericotheca discolor	Ocean spray	Sdi	10	10
Sorbus occidentalis	Alpine mountain ash	Sos	0	10
" scopulina	Greene mountain ash	Ssu	0	10
" sitchensis	Pacific mountain ash	Ssi	0	10
" spp.	Mountain ash	SOR	0	10
Spiraea corymbosa	White - flat-loose spiraea	Spc	0	10
" densiflora	Flat - red - dense spiraea	Sde	0	10
" lucida	Small hardhack	Slc	0	10
" menziesii	Menzies spiraea	Smn	0	10
" pyramidata	White - pyramid spiraea	Spd	0	10
" spp.	Spiraea	SPI	0	10
Symphoricarpos albus	Common snowberry	Sau	10	30
" occidentalis	Western snowberry	Sod	10	30
" rotundifolius	Roundleaf snowberry	Sra	10	30
" vaccinioides	Whortleleaf snowberry	Svc	10	30

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Tetradymia canescens inermis	Spinless horsebrush	Tcn	0	0
" spinosa	Shortspine horsebrush	Tsa	0	0
Toxicodendron rydbergii	Western poison ivy	Try	0	0
Vaccinium caespitosum	Dwarf huckleberry	Vca	0	10
" deliciosum	Timberline huckleberry	Vdc	0	10
" membranaceum	Big huckleberry	Vme	0	10
" ovalifolium	Blue huckleberry	Vov	0	10
" scoparium	Grouse huckleberry	Vse	0	0

WEEDS

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<i>Achillea lanulosa</i>	Yarrow	Ala	20	30
<i>Achlys triphylla</i>	Vanillaleaf	Aty	0	0
<i>Aconitium columbianum</i>	Monkshood	Aco	30	60
<i>Actaea arguta</i>	Baneberry	Aag	0	0
<i>Adenocaulon bicolor</i>	Adenocaulon	Abi	0	0
<i>Adiantum pedatum aleuticum</i>	Maidenhair fern	Apd	0	0
<i>Adenostegia ramosa</i>	Plume weed	Ara	0	0
<i>Agastache occidentalis</i>	Horsemint	Aoc	20	50
" <i>urticifolia</i>	Nettle-leaf horsemint	Aur	20	50
<i>Agoseris spargioides</i>	Low mountain dandelion	Aas	60	80
" <i>aurantiaca</i>	Mountain dandelion	Aau	60	80
" <i>glauca</i>	White mountain dandelion	Agu	60	80
" <i>gracilens</i>	Large mountain dandelion	Ags	60	80
" <i>heterophylla</i>	Tiny dandelion	Aht	60	80
" spp.	Mountain dandelion	AGS	60	80
<i>Allium acuminatum</i>	Taperflower onion	Aac	60	60
" <i>douglasii</i>	Douglas onion	Ady	60	60
" <i>nevii</i>	Wild onion	Anv	60	60
" spp.	Wild onion	ALL	60	60
<i>Alsine jamesiana</i>	Chickweed	Aja	0	0
" <i>longipes</i>	Starflower	Aln	0	0
<i>Amaranthus</i> spp.	Bigweed	AMA	0	0
<i>Amsinckia menziesii</i>	Fiddleneck	Amz	0	0
<i>Anaphalis margaritacea</i>	Pearl everlasting	Amg	0	0
<i>Anapalis magaritaceae occidentalis</i>		Amo	0	0
<i>Anapalis magaritaceae subalpina</i>		Ams	0	0
<i>Anemone oregana</i>	Oregon windflower	Aog	0	0
<i>Androsace</i> spp	Androsaea	ANR	0	0
<i>Angelica canbyi</i>	Canby angelica	Aky	60	80
" <i>lyallii</i>	Lyall angelica	All	60	80
" spp.	Angelica	ANG	60	80
<i>Antennaria lanata</i>	Woolly pussytoes	Alx	0	0
" <i>luzuloides</i>	Slender-leaf pussytoes	Alz	0	0
" <i>microphylla</i>	Small-leaf pussytoes	Amy	0	0
" <i>racemosa</i>	Looseflower pussytoes	Arm	0	0
" <i>rosea</i>	Rose pussytoes	Ars	0	0
" spp.	Pussytoes	ANT	0	0

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Anthemis cotula	Dogfennel	Act	0	0
Aplopappus lanuginosus	Aplopappus	Alg	0	0
Apocynum ambigens	Indian hemp	Aak	0	0
" pumilum	Dogbane	Apq	0	0
" spp.	Dogbane	APQ	0	0
Aquilegia flavescens	Yellow columbine	Afv	20	30
" formosa	Sitka columbine	Afn	20	30
Arabis cusickii	Rock cress	Acv	10	30
" glabra	Tower rockcress	Agb	10	30
" holboellii	Cress	Ahl	10	30
" lyallii	Alpine rockcress	Alv	10	30
" microphylla	Rockcress	Amp	10	30
" spp.	Rock cress	ARA	10	30
Arenaria capillaris	Sandwort	Ais	0	0
" congesta	Tall sandwort	Acj	0	0
" nuttallii	Sandwort	Ant	0	0
" spp.		ARE	0	0
Arnica aurantica	Orange arnica	Aua	0	10
" cordifolia	Heartleaf arnica	Acd	0	10
" latifolia	Broadleaf arnica	Alf	0	10
" parryi	Parry arnica	Ayi	0	10
" spp.		ARN	0	10
Aruncus aruncus	Goatbeard	Asy	0	0
Asarum caudatum	Wild ginger	Aka	0	0
Asclepias mexicana	Milkweed	Amx	Poison	
" speciosa	Milkweed	Asx	Poison	
Aster conspicuus	Purple aster	Ach	10	20
" engelmannii	Engelmann aster	Aen	10	20
" foliaceus	Leafy aster	Afc	10	20
" jessicae	Jessica aster	Aje	10	20
" spp.	Aster	ASS	10	20
Astragalus arrectus	Yellow milkvetch	Arr	0	0
" hoodianus	Loco	Ahx	0	0
" hookerianus	Hooker milkvetch	Ahk	0	0
" malcus	Loco	Amk	0	0
" mortoni	Loco	Ant	0	0
" reventus	Milkvetch	Arv	0	0
" sonneanus	Loco	Asq	0	0
" stenophyllus	Milkvetch	Ash	0	0
" spp.	Milkvetch	AST	0	0
Atriplex rosea	Australian saltbush	Arx	10	20

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Balsamorhiza sagittata	Arrowleaf balsamroot	Bsa	40	60
" terebinthacea	Balsam root	Bta	40	60
Barbarea americana		Bam	10	20
Batrachium trichophyllum		Bti	0	0
Bikukulla formosa	Western bleeding heart	Bfe	0	30
Bilderdykia convolvulis	Vine buckwheat	Bcn	0	0
Bistorta bistortoides	Bistorta	Bbi	0	0
Blepharipappus glandulosus		Bga	0	0
" scaber		Bsc	0	0
Boisduvalia densiflora	Boisduvalis	Bdn	10	20
Brassica campestris	Rutabaga	Bcm	10	40
Bursa bursa - pastoris	Shepherd's purse	Bbu	0	10
Cacaliopsis nardosmia	False cacalia	Cna	0	0
Calochortus lyallii	Mariposa lily	Cly	0	0
" macrocarpus	Mariposa lily	Cmc	0	0
" spp.	Mariposa lily	CAH	0	0
Caltha biflora	Marshmarigold	Cbi	0	0
Campanula peliolata	Bellflower	Cpt	0	0
" scabrella	Rough Alpine bellflower	Csz	0	0
Campe americana	Wintercress	Caa	0	0
Cardamine breweri	Cardamine	Cbw	10	20
" lyallii	Lyall bitter cress	ClI	10	20
" pennsylvanica	Penn. bittercress	Cpn	10	20
" spp.	Bittercress	CAI	10	20
Carum gairdneri	Gairdners carum	Gga	80	80
Castilleja angustifolium	Indian paintbrush	Can	0	10
" elmeri	Indian paintbrush	Cem	0	10
" linariaefolia	Indian paintbrush	Clr	0	10
" miniata	Indian paintbrush	Cjm	0	10
" oreopola	Indian paintbrush	Coa	0	10
" pruinosa	Indian paintbrush	Cjr	0	10
" spp.	Indian paintbrush	CAJ	0	10
Cerastium beeringianum	False chickweed	Cbe	0	10
" vulgatum	Chickweed	Cvu	0	10
Chaenactis douglasii	False yarrow	Cda	0	0
Chamaenerion angustifolium	Fireweed	Cal	30	60
Cheilanthes gracillima	Lipfern	Cgr	0	0
Cheirinia aspera	Cheirinia	Caz	0	10
Cheirinia repanda	Wavy-leaved wallflower	Cre	0	10
Chenopodium album	Lambsquarter	Cao	10	30

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Chenopodium botrys	Jerusalem oak	Cby	10	30
" hybridum	Mapleleaf goosefoot	Chy	10	30
" spp.	Lambsquarter	CHO	10	30
Chrysanthemum leucanthemum	Oxeye daisy	Clc	0	0
Cicuta douglasii	Douglas waterhemlock	Cds		Poison
" occidentalis	Water hemlock	Cop		Poison
" vagans	Water hemlock	Cvg		Poison
" spp.	Water hemlock	CIC		Poison
Circaea pacifica	Enchanters nightshade	Cpf	0	0
Cirsium lanceolatum	Bush thistle	Cld	20	20
" undulatum	Wavyleaf thistle	Cud	20	20
" spp.	Thistle	CIS	20	20
Clarkia pulchella	Clarkia	Cpg	10	20
" rhomboidea	Rhomboid clarkia	Crb	10	20
Claytonia asarifolia	Ginger-leaf springbeauty	Caf	0	0
" lanceolata	Lanceleaf springbeauty	Clf	0	0
" spp.	Springbeauty	CLY	0	0
Cleome serrulata	Rocky Mt. Beeflower	Csy	0	30
" platycarpa	Rocky Mt. beeflower	Cpk	0	30
Cleomella oocarpa	Cleomella	Cob	0	30
Clintonia uniflora	Clintonia	Cui	0	0
Cogswellia ambigua	Biscuitroot	Cax	40	70
" circumdata	Biscuitroot	Ccb	40	70
" grayi	Biscuitroot	Cgs	40	70
" leptocarpa	Biscuitroot	Clq	40	70
" macrocarpa	Biscuitroot	Gmd	40	70
" nudicaulis	Biscuitroot	Cnw	40	70
" platyphylla	Biscuitroot	Cpq	40	70
" triternata	Biscuitroot	Ctt	40	70
" spp.	Biscuitroot	COG	40	70
Collinsia parviflora	Little blue-eyed Mary	Cvr	0	0
" tenella	Blue-eyed Mary	Ctl	0	0
Collomia grandiflora	Bigflower collomia	Cgd	0	0
" linearis	Slenderleaf collomia	Clj	0	0
Comandra pallida	Bastard toadflax	Cpb	10	40
Corallorhiza maculata	Coral root	Cmf	0	0
Crepis acuminata	Hawksbeard	Cad	60	70
" intermedia	Hawksbeard	Cim	60	70
" occidentalis	Hawksbeard	Cof	60	70
" virens	Hawksbeard	Cvn	60	70
" spp.	Hawksbeard	CRS	60	70

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Cryptanthus affinis	Cryptanthus	Cff	0	0
" torreyana	Cryptanthus	Ctp	0	0
" spp.	Cryptanthus	CRY	0	0
Cryptogramma acrostichoides	American rockbrake	Cai	0	0
Cynomarathrum brandegei	Wild dill	Cbt	0	0
Cypripedium montanum		Cmy	0	0
Cytharea bulbosa	Calypso	Cbb	0	0
Delphinium bicolor	Low larkspur	Dbi	Poison	30
" columbianum	Columbia low larkspur	Dco	Poison	30
" cucullatum	Hooded tall larkspur	Dcm	Poison	60
" depauperatum	Low larkspur	Dde	Poison	30
" menziesii	Low larkspur	Dme	Poison	30
" multiflorum	Low larkspur	Dmu	Poison	30
" pauciflorum	Low larkspur	Dpu	Poison	30
" simplex	Low larkspur	Dsi	Poison	30
" viridescens	Green larkspur	Dvi	Poison	30
" xantholeucum	White larkspur	Dxa	Poison	30
" spp.	Larkspur (low)	DEL	Poison	30
Disporum trachycarpum	White fairybells	Dta	0	0
Dodecatheon conjugens	Shootingstar	Dcn	0	0
" dentatum	Shootingstar	Ddn	0	0
" jeffreyi	Jeffrey shootingstar	Dje	0	0
" tetrandrum	Shootingstar	Dtt	0	0
" viscidum	Shootingstar	Dvs	0	0
" spp.		DOD	0	0
Douglasia dentata	Douglas primrose	Dat	0	0
" nivalis	Douglas primrose	Dni	0	0
Draba lutea	Draba	Dlu	0	10
" nemorosa	Draba	Dne	0	10
" spp.	Draba	DRA	0	10
Dryas octopetala	Dryas	Doc	0	0
Drymocallis convellaria	Valley drymacallis	Dcv	10	20
" fissa	Drymocallis	Dfi	10	20
" glandulosa	Drymocallis	Dgd	10	20
" spp.		Dry	10	20
Epilobium minutum	Small willow herb	Emi	10	20
" spp.	Willow herb	EPI	10	20

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Equisetum spp.	Horsetail	EQU	0	0
Erigeron linearis	Fine-leaf fleabane	Eli	20	50
" nevadensis	Nevada fleabane	Env	20	50
" poliospermus	Little hairy fleabane	Epo	20	50
" speciosus	Common fleabane	Esp	20	50
" spp.	Erigeron	ERG	20	50
Eriogonum caespitosum	Buckwheat	Ecc	0	10
" heracleoides	Buckwheat	Ehr	0	10
" sphaerocephalum	Buckwheat	Esm	0	10
" vineum	Buckwheat	Evn	0	10
" spp.	Buckwheat	ERO	0	10
Eriophyllum caespitosum	Headed wooly-leaf	Ecy	0	0
" lanatum	Wooly leaf	Eln	0	0
" spp.	Wooly leaf	ERP	0	0
Erodium cicutarium	Filaree	Eck	60	80
Erythronium parviflorum	Small dogtooth violet	Epf	0	0
Euphorbia spp.	Spurge	EUP	0	0
Filix fragilis	Brittle fern	Ffr	0	0
Floerkea proserpinacoides	Floerkia	Fpr	0	20
Fragaria bracteata	Strawberry	Fbr	0	0
" californica	Strawberry	Fcl	0	0
" platypetala	Strawberry	Fpl	0	0
" spp.	Strawberry	FRG	0	0
Frasera nitida	Elkweed	Fni	10	20
" speciosa	Elkweed	Fse	10	20
Fritillaria atropurpurea	Fritillaria	Fat	0	0
" pudica	Yellow bell	Fpu	0	0
Galium aparine	Bee bedstraw	Gap	0	10
" boreale	Alpine bedstraw	Gbr	0	10
" spp.	Bedstraw	GAL	0	10
Gayophytum spp.	Kitchenweed	GAY	0	0
Gentiana spp.	Gentian	GEN	0	0
Geranium incisum	Cut-leaf geranium	Gic	20	40
" richardsonii	Richardson's geranium	Gri	20	40
" strigosum		Gsr	20	40
" viscosissimum	Geranium	Gvi	20	40
" spp.	Geranium	GER	20	40
Geum macrophyllum	Bigleaf avens	Gmc	0	20
Gilia aggregata	Scarlet gilia	Gag	0	0
" gracilis	Blue gilia	Ggs	0	0
" pulchella	Pale gilia	Gph	0	0
Glycyrrhiza lepidota		Gle	0	0
Gnaphalium palustre	Small head cudweed	Gna	0	0

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Greeneocharis circumcissa	Round ball	Gci	0	0
Grindelia squarrosa	Gum weed	Gsq	0	0
Habenaria hyperborea	Satyr-orchid	Hhy	0	0
Helianthella douglasii	Little sunflower	Hdo	20	40
" uniflora	Mountain sunflower	Hui	20	40
Helianthus lenticularis	Blackeyed susan	Hle	10	20
Heracleum lanatum	Cow-parsnip	Hln	50	70
Heuchera globella	Alum root	Hgl	0	10
" ovalifolia	Ovalleaf alumroot	Hov	0	10
" spp.	Alum root	HEU	0	10
Hieracium albiflorum	White hawkweed	Hal	50	80
" scouleri	Woolyweed	Hso	40	70
Hookera spp.	Brodiaea	HOO	0	0
Horkelia spp.	Horkelia	HOK	0	0
Hydrophyllum albifrons	Whiteface waterleaf	Hab	10	10
" capitatum	Ballhead waterleaf	Hcm	10	10
" spp.	Waterleaf	HYD	10	10
Hypericum concinnum	St. Johnswort	Hcc	0	0
" scouleri	Scouler St. Johnswort	Hsi	0	0
Iris missouriensis	Iris	Imi	0	0
Kelloggia galioides	False bedstraw	Kga	0	10
Lactuca scariola integrata	Chinese lettuce	Lsc	30	50
Lappula diffusa	Stickseed	Ldi	0	10
" floribunda	Stickseed	Lfl	0	10
" occidentalis	Western stick seed	Los	0	10
" spp.	Stickseed	LAP	0	10
Lathyrus nuttallii	Nuttall peavine	Lnu	40	50
" obovatus	Ovalleaf peavine	Lob	40	50
" pauciflorus	Few flowered peavine	Lps	40	50
" rigidus	Stiff-leaved peavine	Lri	40	50
" spp.	Peavine	LAS	40	50
Leontodon taraxacum	Dandelion	Lta	50	70
Lepidium spp.	Pepper grass	LEM	40	50
Leptotaenia multifida	Leptotaenia	Lml	20	20
Lesquerella spp.	Bladder-pods	LES	0	0
Leucocrinum montanum		Lmn	0	0

WEEDS

<u>Scientific Name</u>	<u>Common Name</u>	<u>Abbrev.</u>	<u>% Palatability</u>	
			<u>C & H</u>	<u>S & G</u>
Lewisia rediviva	Bitterroot	Lre	0	0
Ligusticum purpureum	Purple loveroot	Lpm	70	80
" spp.	Loveroot	LIG	70	80
Lilium columbiana	Wild tiger lily	Lcm	0	20
Linanthus androsaceus	Thread plant	Lan	0	0
" pharnaceoides	Thread plant	Lph	0	0
" spp.	Thread plant	LIN	0	0
Linum lewisii	Prairie flax	Lle	0	0
Lithophragma bulbifera	Bulbous stonebreaker	Lbu	0	0
" grandiflora	Big stonebreaker	Lga	0	0
" parviflora	Stonebreaker	Lpv	0	0
" tenella	Stonebreaker	Ltn	0	0
" spp.	Stonebreaker	LIH	0	0
Lithospermum californicum	Stoneseed	Lcc	0	0
" ruderales	Stoneseed	Lru	0	0
Lotus americanus	Lotus	Lae	50	60
" spp.	Lotus	LOT	50	60
Luina hypoleuca	Luina	Lhy	0	0
Lupinus aridus	Lupine	Lau	20	40
" burkei	Burke lupine	Lbk	20	40
" caudatus	Lupine	Lcd	20	40
" columbianus	Columbian lupine	Lcb	20	40
" laxiflorus	Dark lupine	Llx	20	40
" leucophyllus	Lupine	Llu	20	40
" lyallii	Lupine	Lly	20	40
" piperi	Piper lupine	Lpx	20	40
" saxosus	Lupine	Lsx	20	40
" sericeus	Silky lupine	Lse	10	20
" sulphureus	Yellow lupine	Lsl	20	40
" spp. (green)	Dark lupines	LUP-G	20	40
" spp. (silver)	Silver lupines (Except L. leucophyllus)	LUP-S	10	20
Lutkea pectinata	Lutkea	Lpc	0	0
Lycopodium clavatum	Elkhorn moss	Lck	0	0
Madia glomerata	Tarweed	Mgl	0	0
" racemosa	Racemed tarweed	Mra	0	0
" spp.	Tarweed	MAD	0	0
Madronella discolor	Madronella	Mds	0	0

WEEDS

<u>Scientific Name</u>	<u>Common Name</u>	<u>Abbrev.</u>	<u>% Palatability</u>	
			<u>C & H</u>	<u>S & G</u>
Madronella odoratissima	Pungent pennyroyal	Mod	0	0
" spp.	Pennyroyal	MDR	0	0
Malva rotundifolia	Mallow	Mro	0	10
Marrubium vulgare	Hairy mint	Mvu	0	0
Matricaria matricarioides	Rayless camomile	Mma	0	0
Medicago lupulina	Black medic	Mlu	60	60
" sativa	Alfalfa	Msa	80	80
Melilotus alba	White sweet clover	Mal	20	30
" spp.	Sweet clover	MEI	20	30
Mentha penardi	Mint	Mpe	10	20
Mentzelia spp.	Stickleaf	MEZ	0	0
Mertensia brevistyla	Short style bluebell	Mbr	20	50
" laevigata	Tall bluebell	Mle	20	50
" subcordata	Woodland bluebell	Msb	20	50
" spp.	Bluebell	MER	20	50
Microseris spp.	Microseris	MCR	0	0
Microsteris spp.	Microsteris	MCT	0	0
Mimulus langsdorfii	Longstem monkeyflower	Mln	0	0
" lewisii	Monkey flower	Mlw	0	0
" moschatus	Tiny monkeyflower	Mmt	0	0
" spp.	Monkey flower	MIM	0	0
Mitella pentandra	Miterwort	Mpt	0	0
" stenopetala	Mitella	Mse	0	0
Moehringia lateriflora	Sandwort	Mlt	0	0
" macrophylla	Trailing sandwort	Mmr	0	0
Moneses uniflora	Monesis	Mun	0	0
Monolepis nuttalliana	Pigweed	Mnl	10	20
Monotropa uniflora	Indian pipe	Mui	0	0
Montia chamissoi	Big miners lettuce	Mch	10	20
" fontana	Dwarf miners lettuce	Mfn	10	20
" linearis	Miners lettuce	Mli	10	20
" spp.	Miners lettuce	MOA	10	20
Myosurus aristatus	Myosurus	Mat	0	0
Navarretia minima	Navarretia	Nmi	0	0
Nemophila breviflora	Waterweed	Nbr	0	0
" spp.	Waterweed	NEM	0	0
Nicotiana attenuata	Tobacco weed	Nat	0	0
Nitrophila occidentalis		Noc	0	10
Norta altissima	Tumblemustard	Nal	0	10

WEEDS

<u>Scientific Name</u>	<u>Common Name</u>	<u>Abbrev.</u>	<u>% Palatability</u>	
			<u>C & H</u>	<u>S & G</u>
Oenothera hookeri	Evening primrose	Ohô	10	20
Oreocarya glomerata		Ogl	0	0
Oregenia linearifolia	Trail potato	Oli	0	0
Orthocarpus spp.	Owls clover	ORT	0	0
Oreobroma columbiana	Bitterroot	Ocb	0	0
Osmorhiza occidentalis	Western sweetroot	Ooc	40	60
" spp.	Sweetroot	OSM	40	60
Oxyria digyna	Mountain sorrel	Odg	0	20
Paeonia brownii	Brown's peony	Pbn	10	40
Parnassia fimbriata	Grass of Parnassus	Pfi	0	0
Parrya menziesii		Pmz	0	10
Pedicularis spp.	Lousewort	PED	0	10
Pellaea spp.	Cliffbreak	PEL	0	0
Pentstemon fruticosus	Shrubby pentstemon	Pfr	0	10
" glaber		Pgt	0	10
" glandulosus	Tall pentstemon	Pgs	0	10
" oreganus		Por	0	10
" procerus	Dwarf pentstemon	Ppo	0	10
" richardsoni	Richardson pentstemon	Pri	0	10
" spp.	Pentstemon	PEN	0	0
Peramium decipiens	Rattlesnake plantain	Pdc	0	0
Persicaria maculosa	Smartweed	Pml	0	10
Petalostemum ornatus	Petalostemon	Pon	0	0
Petasites spp.	Colt's-foot	PEE	0	0
Phacelia heterophylla	Phacelia	Phe	0	0
" linearis	Long phacelia	Pln	0	0
" ramosissima		Prm	0	0
" spp.	Phacelia	PHC	0	0
Phlox spp.	Phlox	PHX	0	0
Physaria spp.	Double bladderpod	PHS	0	0
Plantago spp.	Plaintain	PLO	0	0
Platyspermum spp.	Flatpod	PLT	0	0
Polemonium micranthum	Minute Jacob's ladder	Pmm	0	30
" occidentale	Western Jacob's ladder	Poi	0	30
" pulcherrimum	Jacob's ladder	Pok	0	30
" spp.	Jacob's ladder	POE	0	30
Polygonum douglasii	Douglas knotweed	Pdg	0	10
" spp.	Knotweed	POY	0	10

WEEDS

<u>Scientific Name</u>	<u>Common Name</u>	<u>Abbrev.</u>	<u>% Palatability</u>	
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Polystichum spp.	Swordfern	POS	0	0
Potentilla flabellifolia	Fanleafed five fingers	Pfl	10	10
" pulcherrima	Beautiful fivefingers	Ppg	10	20
" viridescens	Fivefingers	Pvd	10	20
" spp.	Fivefingers	PON	10	20
Prunella spp.	Prunella	PRN	0	0
Pteridium aquilinum pubescens	Bracken fern	Paq	0	0
Pterospora andromedea	Pinedrops	Pae	0	0
Pteryxia foeniculacea	Fennel	Pfo	0	10
Ptilocalais nutans	Ptilocalais	Pcz	20	40
Ptiloria tenuifolia	Ptiloria	Ptu	0	0
Pulsatilla occidentalis	Pasque flower	Pos	0	0
Pyrola picta	Pyrola	Ppw	0	10
" secunda	Pyrola	Psd	0	10
" spp.	Pyrola	PYR	0	10
Pyrrocoma spp.	False goldenrod	PYA	0	0
Quamasia quamash	Blue camas	Qpu	0	10
Radicula curvisiliqua	Curvingpod cress	Rcu	0	20
Ranunculus eremogenes	Buttercup	Rer	10	30
" cymbalaria	Buttercup	Rcy	10	30
" douglasii	Buttercup	Rdo	10	30
" glaberrimus	Buttercup	Rga	10	30
" occidentalis	Buttercup	Roc	10	30
" spp.	Buttercup	RAN	10	30
Rudbeckia occidentalis	Niggerhead	Ros	0	20
" spp.	Niggerhead	RUD	0	20
Rumex acetosella	Sheep sorrel	Rac	0	10
" crispus	Dock	Rcr	0	10
" mexicanus	Dock	Rmu	0	10
" occidentalis	Dock	Rod	0	10
" spp.	Dock	RUM	0	10
Sagina saginoides	Arctic pearlwort	Ssg	0	0
Sagittaria spp.	Arrowleaf	SAI	0	0
Salsola pestifer	Russian thistle	Spr	5	10
Sanguisorba annua	Annual sanguisorba	San	10	20
" officialis	Sanguisorb	Sof	10	20
" spp.	Sanguisorb	SAN	10	20

WEEDS

<u>Scientific Name:</u>	<u>Common Name</u>	<u>Abbrev.</u>	<u>% Palatability</u>	
			<u>C & H</u>	<u>S & G</u>
Sanicula spp.	Sanicula	SAU	0	0
Saponaria vaccaria	Saponaria	Svk	10	20
Saxifraga spp.	Saxifrage	SAX	10	20
Schoenocrambe linifolia	Plains mustard	Sli	0	20
Scutellaria angustifolia	Scutellaria	Saf	10	30
Sedum douglasii	Stone crop	Sdg	0	10
" stenopetalum	Stone crop	Sst	0	10
" spp.	Stone crop	SED	0	10
Senecio canus	White butterweed	Sci	10	20
" columbianus	Butterweed	Scb	0	0
" integerrimus	Butterweed	Sit	0	30
" purshianus	Butterweed	Sph	0	0
" serra	Serrate butterweed	Ssr	80	80
" triangularis	Triangleleaf butterweed	Str	40	70
" spp.	Butterweed	SEN		
Sibbaldia procumbens		Spo	5	10
Sidalcea campestris	Prairie mallow	Scs	0	10
" oregana	Oregon mallow	Soe	0	10
" spicata	Spiked mallow	Ssv	0	10
Sieversia ciliata	Old man whiskers	Scv	0	0
Silene columbiana	Columbia catchfly	Scw	0	0
" lyallii	Small catchfly	Sll	0	0
" menziesii	Scouler catchfly	Smz	0	0
" muticaulis	Catchfly	Smu	0	0
" spp.	Catchfly	SIL	0	0
Sisymbrium altissimum	Jim Hill mustard	Saj	10	20
Sisyrinchium douglasii	Blue-eyed grass	Sdl	0	0
Smelowskia fremontii	Smelowskia	Sfm	0	0
Solanum spp.		SOL	0	0
Solidago elongata	Creek goldenrod	Seo	0	10
" missouriensis	Goldenrod	Sns	0	10
" spp.	Goldenrod	SOI	0	10
Sonchus asper	Prickly sow thistle	Ser	0	20
Sophia spp.	Tansy mustard	SOP	10	20
Sphaeralcea munroana	Scarlet mallow	Smn	20	40
" rivularis	Wild hollyhock	Srv	0	10
Spraguea multiceps	Pussypaws	Snp	0	0
Stachys ciliata	Fringed hedgenettle	Sil	0	30
Stenanthium occidentale	Featherfleece	Soo	0	0
Streptopus spp.	Twistedstalk	STP	0	0

WEEDS

<u>Scientific Name</u>	<u>Common Name</u>	<u>Abbrev.</u>	<u>% Palatability</u>	
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Taraxia heterantha	Taraxia	The	0	10
" tenacetifolia	Tarweed	Tta	0	10
Thalesia fasciculata	Yellow cancerroot	Tfa	0	0
" uniflora	One-flowered cancerroot	Tun	0	0
Thalictrum occidentale	Western meadowrue	Toc	0	10
" spp.	Meadowrue	THI	0	10
Thelypodium spp.		THY	0	10
Thermopsis montana	Thermopsis	Tmo	10	20
Thlaspi alpestre	Pennycress	Tap	0	10
Thysanocarpus elegans		Tee	10	20
Tiarella unifoliata	Foam flower	Tui	0	0
Tissa rubra	Tissa	Tru	0	0
Tofieldia intermedia	False asphodel	Tia	0	0
Townsendia florifer	Townsendia	Tfl	0	10
Trientalis latifolia	Star-flower	Tlt	0	0
Trifolium eriocephalum	Clover	Ter	80	80
" hybridum	Alsike clover	Thb	80	80
" kingii	Clover	Tki	80	80
" latifolium	Broadleaf clover	Tla	80	80
" longipes	Longroot clover	Tlo	80	80
" macrocephalum	Bigleaf clover	Tmc	80	80
" pratense	Red clover	Tpa	80	80
" repens	White clover	Tre	80	80
" spp.	Clover	TRF	80	80
Trillium petiolatum	Trillium	Tpe	0	0
Urtica lyallii	Stinging nettle	Uly	0	0
Vaccaria vulgaris	Cow cockle	Vvu		
Vagnera amplexicaulis	False Solomon seal	Vam	0	0
" lilicacae	False Solomon seal	Vli	0	0
" spp.	False Solomon seal	VAG	0	0
Valeriana columbiana	Columbia valerian	Vco	20	50
" edulis	Valeriana	Ved	20	50
" occidentalis	Western valerian	Vos	20	50
" sitchensis	Sitka valerian	Vsi	20	50
" spp.	Valerian	VAL	20	50
Vancouveria spp.	Vancouveria	VAN	0	0
Veratrum californicum	False hellebore	Vcm	10	20
Verbascum thapsus	Mullen	Vta	0	0
Veronica americana	Speedwell	Vae	0	0
" spp.	Speedwell	VEO	0	0

WEEDS

<u>Scientific Name</u>	<u>Common Name</u>	<u>Abbrev.</u>	<u>% Palatability</u>	
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Vicia americana	Vetch	Vaa	60	80
" spp.	Vetch	VIC	60	80
Viola spp.	Violet	VIC	0	0
Wyethia amplexicaulis	Shiny mules-ear	Wam	30	30
" helianthoides	Big mules-ear	Whe	10	10
Xanthium affine	Cocklebur	Xaf	0	0
Xerophyllum tenax	Pear-grass	Xte	0	0
Zygadenus elegans	Mountain death camas	Zel	Poison	
" gramineus		Zgr	Poison	
" paniculatus	Foothill death camas	Zpa	Poison	
" venenosus	Death camas	Zve	Poison	



United States Department of Agriculture
Agricultural Adjustment Administration
Western Region

RANGE CONSERVATION PROGRAM - 1938
UTAH, NEVADA AND EASTERN IDAHO

PALATABILITY TABLES

Common Use Percentage except as otherwise shown

Scientific name	Sym- bol	Common name	Pala- tability
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Grasses:

Agropyron cristatum	Acr	Crested wheatgrass	80
Agropyron dasystachyum	Ada	Thickspike wheatgrass	65
Agropyron pauciflorum	Agp	Slender wheatgrass	80
Agropyron smithii	Asm	Bluestem "	70
Agropyron spicatum	Asp	Bluebunch "	80
Agropyron Subsecundum	Asb	Bearded "	70
Agropyron spp.	Ags	Wheatgrass	70
Agrostis hiemalis	Ahi	Tickelgrass	60
" palustris	Apa	Creeping bent	70
Aristida fendleriana	Afe	Fendler three-awn	0
" longiseta	Arl	Red three-awn	30
Blepharidachne kingii	Bki	Blepharidachne	60
Bouteloua curtipendula	Bcu	Side-oats grama	60
" gracilis	Bgr	Blue grama	80
Bromus anomalus	Ban	Nodding brome	80
" carinatus	Bca	California brome	80
" inermis	Bin	Smooth brome	80
* " tectorum	Bte	Downy chess	20
Buchloe dactyloides	Bda	Buffalo grass	80
Calamagrosiis canadensis	Cca	Bluejoint	30
" montanensis	Cms	Plains reedgrass	50
" rubescens	Car	Pinegrass	20
Carex spp.)	Csp	Meadow sedge	60
" ") Grasslike	Csp	Hillside sedge	30
Catabrosa aquatica	Caq	Brookgrass	40
Danthonia spp.	Dat	Oatgrass	60
Deschampsia spp.	Des	Hairgrass	60
Distichlis dentata	Dde	Saltgrass	30
" stricta	Dst	Desert Saltgrass	30
Elymus condensatus	Eco	Giant wild-rye	60
" glaucus	Egl	Blue "	60
" salina	Esa	Salina "	50
" triticoides	Etr	Beardless "	60
" Flavescens	Efl	Sand dune "	30

Palatability Tables (continued)

Scientific name	Sym- bol	Common name	Pala- tability
Eragrostis spp.	Err	Lovegrass	30
Festuca elatior	Fel	Meadow fescue	75
" idahoensis	Fid	Bluebunch fescue	80
" kingii	Fki	Spike fescue	60
" octoflora	Foc	Sixweeks fescue	40
" Ovina brachyphylla	Fob	Alpine fescue	70
Glyceria striata	Gls	Fowl mannagrass	60
Hilaria jamesii	Hja	Galleta	50
Hordeum jubatum	Hju	Foxtail barley	30
" nodosum	Hno	Meadow "	40
Juncoides parviflorum)	Jpa	Woodrush	30
Juncus balticus) Grasslike	Jba	Baltic rush	50
Koeleria cristata	Kcr	Juncgrass	70
Melica bulbosa	Mbu	Oniongrass	70
" spectabilis	Mes	Purple oniongrass	70
Muhlenbergia montana	Mmo	Mountain muhly	40
" squarrosa	Msq	Matmuhly	50
Oryzopsis hymenoides	Ohy	Indian ricegrass	70
" spp.	Ory	Ricegrass	60
Phleum alpinum	Pha	Alpine timothy	80
" pratense	Php	Timothy	80
Poa secunda	Poa	Sandberg bluegrass	50
Poa spp	Poa	Bluegrass	75
Sitanion hystrix	Shy	Squirreltail	50
Sporobolus airoides	Sai	Alkali sacaton	40
" cryptandrus	Scr	Sand dropseed	15
" spp.	Spo	Dropseed	40
Stipa columbiana	Stc	Columbia needlegrass	60
" comata	Sco	Needle-and-thread	50
" lettermanii	Sle	Letterman needlegrass	65
Triodia spp.	Tro	Triodia	50
Trisetum spicatum	Trs	Spike trisetum	60

*Plants which indicate overgrazing or soil losses.
 Annuals and perennials of low value, if they occur
 in great abundance, also indicate overgrazing.

Palatability Tables (continued)

Common Use Percentage except as otherwise shown

Scientific name	Sym- bol	Common name	Palata- bility
Weeds:			
<i>Achillea lanulosa</i>	Ala	Yarrow	50
<i>Aconitum</i> spp.	Acu	Monkshood	0
<i>Actaea arguta</i>	Aag	Baneberry	0
<i>Actinea</i> spp.	Act	Rubberweed	0
<i>Adenostegia ramosa</i>	Ara	Plumeweed	0
<i>Agastache urticifolia</i>	Aur	Horsemint	50
<i>Agoseris</i> spp.	Ago	False dandelion	50
<i>Allenrolfea occidentalis</i>	Aoc	Pickleweed	0
<i>Allium</i> spp.	All	Wild onion	20
<i>Alsine</i> spp.	Als	Chickweed	10
<i>Amaranthus</i> spp.	Ama	Pigweed	0
<i>Amsinckia</i> spp.	Ams	Fiddleneck	0
<i>Anaphalis</i> spp.	Aph	Pearl everlasting	0
<i>Androsace diffusa</i>	Anf	Androsace	10
<i>Angelica wheeleri</i>	Awh	Wheeler angelica	50
Annuals (unidentified)	Ann	Annuals	15
<i>Anogra pallida</i>	Anp	Evening primrose	0
<i>Antennaria</i> spp.	Ant	Pussytoes	0
<i>Aplopappus</i> spp.	Apl	Burroweed	0
<i>Aquilegia</i> spp.	Aqu	Columbine	30
<i>Apocynum</i> spp.	Apc	Dogbane	0
<i>Arabis</i> spp.	Ais	Rockcress	15
<i>Arenaria</i> spp.	Are	Sandwort	0
<i>Argemone hispida</i>	Arh	Pricklepoppy	0
<i>Arnica</i> spp.	Arn	Arnica	0
<i>Artemisia dracunculoides</i>	Adr	False tarragon	30
<i>Artemisia gnaphalodes</i>	Agn	Cudweed sagebrush	30
<i>Aster engelmanni</i>	Aen	Aster	70
<i>Aster</i> spp.	Ass	Aster	5
<i>Astragalus</i> spp.	Ast	Milkvetch	10
" "	Ast	Locoweed	0
<i>Atriplex annuals</i>	Atx	Atriplex	40
<i>Balsamorhiza macrophylla</i>	Bma	Bigleaf balsamroot	30
<i>Balsamorhiza sagittata</i>	Bsa	Arrowleaf balsamroot	40
<i>Bistorta</i> spp.	Bis	Bistort	40
<i>Blitum capitatum</i>	Blc	Pigweed	0
<i>Brassica</i> spp.	Bra	Mustard	30
<i>Bursa Bursa-pastoris</i>	Bbp	Shepherds-purse	10

Palatability Tables (Continued)

Scientific name	Sym- bol	Common name	Palata- bility
<i>Calochortus</i> spp.	Clo	Segolily (Mariposa)	20
<i>Caltha leptosepala</i>	Clp	Marsh marigold	10
<i>Capnoides montanum</i>	Cmn	Corydalis	10
<i>Castilleja</i> spp.	Cas	Indian paintbursh	20
<i>Caulanthus</i> spp.	Cau	Stemflower	20
<i>Chaenactis douglasii</i>	Cdo	False yarrow	0
<i>Chamaenerion angustifolium</i>	Cha	Fireweed	60
<i>Cheirinia</i> spp.	Chn	Wallflower	10
<i>Chenopodium</i> spp.	Che	Goosefoot (Lambsquarters)	30
<i>Chrysopsis</i> spp.	Cho	Golden aster	40
<i>Chylismia</i> spp.	Chy	Chylismia	10
<i>Cirsium</i> spp.	Cir	Thistle	20
<i>Clematis hirsutissima</i>	Chi	Oldmans whiskers	10
" <i>ligusticifolia</i>	ClI	Western virgins-bower	10
<i>Cleome lutea</i>	Clu	Beeflower	10
" <i>serrulata</i>	Cse	"	40
<i>Cogswellia</i> spp.	Cog	Whiskbroom parsley	50
<i>Collinsia tenella</i>	Cte	Blue-eyed-mary	0
<i>Collomia linearis</i>	Col	Slenderleaf collomia	10
<i>Comandra pallida</i>	Cpa	Bastard toadflax	10
<i>Crepis acuminata</i>	Cac	Hawksbeard	60
<i>Cynoglossum officinale</i>	Cof	Houndstongue	0
<i>Delphinium barbeyi</i>	Dbu	Tall larkspur	60
<i>Delphinium menziesii</i>	Dme	Low larkspur	10
<i>Disporum trachycarpum</i>	Dtr	Fairybells	0
<i>Dodecatheon</i> spp.	Dod	Shootingstar	0
<i>Dondia</i> spp.	Don	Sleepweed	20
<i>Drymocallis</i> spp.	Dry	Drymocallis	20
<i>Epilobium</i> spp.	Epi	Willow-weed	10
<i>Encelopsis nudicaulis</i>	Enu	Encelopsis	80
<i>Erigeron</i> spp.	Eri	Daisy	10
<i>Eriogonum</i> spp.	Ero	Umbrella plant	10
<i>Erodium cicutarium</i>	Eci	Alfileria	80
<i>Fragaria platypetala</i>	Fpl	Strawberry	10
<i>Frasera speciosa</i>	Fsp	Elkweed	20
<i>Fritillaria atropurpurea</i>	Fat	Spotted fritillaria	0
" <i>pudica</i>	Fpu	Yellowbell	0
<i>Galium</i> spp.	Gal	Bedstraw	0
<i>Gayophytum</i> spp.	Gay	Kitchenweed	0
<i>Gentiana</i> spp.	Gen	Gentian	0
<i>Geranium viscosissimum</i>	Gvi	Hairy geranium	50
<i>Geum</i> spp.	Geu	Avens	0

Palatability Tables (Continued)

Scientific name	Symbol	Common name	Palatability
<i>Gilia</i> spp.	Gil	Gilia	10
<i>Glycyrrhiza lepidota</i>	Gle	Licorice root	10
<i>Gnaphalium</i> spp.	Gna	Cudweed	0
<i>Grindelia Squarrosa</i>	Gsq	Gumplant	10
<i>Hedysarum cinerascens</i>	Hei	Foothill sweetvetch	50
<i>Helenium hoopesii</i>	Hho	Sneczeweed	0
<i>Helianthella uniflora</i>	Hun	Little sunflower	40
<i>Helianthus annuus</i>	Han	Sunflower	10
<i>Heracleum lanatum</i>	Hla	Cow-parsnip	70
<i>Heuchera</i> spp.	Heu	Alumroot	0
<i>Hieracium scouleri</i>	Hsc	Woolyweed	50
<i>Hookera douglasii</i>	Hdo	Clusterlily	0
<i>Hydrophyllum capitatum</i>	Hca	Waterleaf	30
<i>Hypericum scouleri</i>	Hyp	St. Johnswort	0
<i>Iris Missouriensis</i>	Imi	Rocky mt. iris	0
<i>Iva axillaris</i>	Iax	Silver povertyweed	0
" <i>xanthifolia</i>	Ixa	Povertyweed	0
<i>Kochia vestita</i>	Kve	Gray-molly	30
<i>Lactuca</i> spp.	Lsp	Wild lettuce	50
<i>Lappula floribunda</i>	Lfl	Stickseed	10
" <i>occidentalis</i>	Loc	"	0
" <i>subdecumbens</i>	Lsu	"	0
<i>Lathyrus</i> spp.	Lat	Peavine	20
<i>Leontodon taraxacum</i>	Lta	Dandelion	70
<i>Leptodactylon pungens</i>	Lep	Prickly gilia	20
<i>Leptotaenis multifida</i>	Lmu	Fineleaf carrot	50
<i>Ligusticum</i> spp.	Lig	Lovewort	60
<i>Linum cristatum</i>	Lcr	Flax	20
<i>Lithospermum</i> spp.	Lit	Stoneseed	20
<i>Lithophragma parviflora</i>	Lpa	Woodland-star	0
<i>Lonicera involucrata</i>	Lin	Bearberry honeysuckle	0
" <i>utahensis</i>	Lou	Utah honeysuckle	0
<i>Lotus</i> spp.	Lot	Lotus	30
<i>Lupinus</i> spp.	Lup	Lupine	40
<i>Madia glomerata</i>	Mgl	Tarweed	0
<i>Madronella</i> spp.	Mad	Madronella	10
<i>Marrubium bulgare</i>	Mvu	Hoarhound	
<i>Medicago sativa</i>	Msa	Alfalfa	80
<i>Mentha</i> spp.	Mon	Mint	15
<i>Mentzelia</i> spp.	Mza	Blazing-star	0
<i>Mertensia leonardi</i>	Mle	Mertensia	60
" spp.	Mer	"	40

Palatability Tables (Continued)

Scientific name	Sym- bol	Common name	Palata- bility
Mimulus spp.	Mim	Monkeyflower	0
Nicotiana attenuata	Nat	Wild tobacco	0
Norta altissima	Nal	Tumblemustard	10
*Opuntia spp.	Opu	Prickly pear	0
Oreocarya spp.	Ora	Hairy leaf	0
Orogenia linearifolia	Oli	Indian potato	0
Orthocarpus spp.	Ort	Orthocarpus	0
Osmorhiza obtusa	Oob	Sweetroot	60
" divaricata	Odi	Sweet-cicely	60
" occidentalis	Ooc	"	70
Pachylophus spp.	Pas	Stemless evening primrose	10
Paeonia brownii	Pbr	Peony	30
Pedicularis spp.	Pcl	Elephanthead	10
*Pentstemon spp.	Pon	Pentstemon	10
Phacelia spp.	Phs	Phacelia	30
Phlox spp.	Phl	Phlox	20
Physaria didymocarpa	Pdi	Double bladderpod	0
Plantago spp.	Pla	Plantain	0
Polemonium foliosissimum	Pfo	Polemonium	20
" albiflorum	Pal	White polemonium	40
Poliomintha incana	Pia	Mint	10
Polygonum spp.	Ply	Knotweed	25
Potentilla spp.	Pot	Cinquefoil	40
Pseudocymopterus montanus	Psm	False-carrot	50
Psoralea stenostachys	Pss	Scurf-pea	0
Pteridium aquilinum	Paq	Bracken fern	0
Pyrola spp.	Pyr	Pyrola	0
Quamasia quamash	Qqa	Camas	10
Ranunculus spp.	Rsp	Buttercup	40
Rudbeckia occidentalis	Roc	Niggerhead	20
Rumex spp.	Rum	Dock	20
Salicornia spp.	Ssp	Glasswort	0
*Salisola pestifer	Spe	Russian-thistle	20
Scrophularia spp.	Scf	Figwort	0
Sedum spp.	Sed	Stonecrop	5
Senecio columbianus	Soc	Columbia groundsel	10
" serra	Ssc	Tall groundsel	70
" triangularis	Str	Triangleleaf groundsel	40
Sidalcea nervata	Sin	Prairie mallow	15
Sieversia spp.	Sie	Sieversia	10
Silene spp.	Sil	Catchfly	5
Sisymbrium nasturtium-aquaticum	Sna	Watercress	40

Palatability Tables (Continued)

Scientific name	Sum- bol	Common name	Palata- bility
Sisyrinchium spp.	Sis	Blue-eyed grass	15
Solidago petradoria	Sop	Rock goldenrod	0
" spp.	Sol	Goldenrod	30
Sophia spp.	Sof	Tansymustard	20
Sphaeralcea caespitosa	Sca	Globemallow	60
" grossulariaefolia	Spq	"	60
" spp.	Sps	"	20
Thalictrum spp.	Tha	Meadowrue	10
Thermopsis spp.	The	Thermopsis	15
Thlaspi glaucum	Tgi	Pennycress	0
Tithymalus spp.	Tit	Spurge	0
Townsendia florifer	Tfl	Townsendia	15
Trifolium spp.	Tri	Clover	75
Urtica urens	Uur	Nettle	15
Vagnera spp.	Vag	False Solomonseal	0
Valeriana spp.	Vlc	Valerian	30
Veratrum californicum	Vca	False-hellebore	10
Verbascum thapsus	Vth	Mullein	0
Vicia spp.	Vic	Vetch	60
Viguiera multiflora	Vmu	Manyflowered sunflower	20
Viola spp.	Vio	Violet	15
*Wyethia amplexicaulis	Wam	Mountain wyethia	15
Xanthium spp.	Xan	Cocklebur	0
Zerophyllum tenax	Xte	Beargrass	0
Zygadenus app.	Zyg	Death camas	0

*Plants which indicate overgrazing or soil losses.
 Annuals and perennials of low value, if they occur in
 great abundance, also indicate overgrazing.

Palatability Tables (Continued)

Common Use Percentage except as otherwise shown

Scientific name	Symbol	Common name	Palatability
Acer spp.	Ace	Maple	10
Alnus tenuifolia	Alt	Mountain alder	0
Amelanchier spp.	Amo	Serviceberry	40
Arctostaphylos spp.	Ark	Manzanita	0
Artemisia arbuscula	Aba	Low sagebrush	20
Artemisia cana	Acn	Silver sagebrush	20
" filifolia	Afi	Sand sagebrush	10
" frigida	Afr	Estafiate (Wormwood)	40
" nova	Ano	Small sagebrush	50
" Pygmaea	Apy	Desert sagebrush	40
" spinescens	Ars	Budsage	40
" tridentata	Atr	Sagebrush	20
" Tripartita	Art	Threetip sagebrush	10
Atriplex canescens	Acs	Fourwing saltbrush	50
" confertifolia	Aco	Shadscale	30
" corrugata	Atc	Mat saltbrush	50
" Nuttalli	Atn	Nuttall Saltbush	40
Betula fontinalis	Bfo	Red birch	15
Betula glandulosa	Bgl	Resin birch	15
Ceanothus fendleri	Cef	Fendler ceanothus	20
" martini	Cem	Martin "	40
" velutinus	Cve	Snowbrush	0
Cercocarpus intricatus	Cei	Narrowleaf mt. mahogany	70
" ledifolius	Cle	Curlleaf " "	10
" montanus	Cmo	Birchleaf " "	70
Chrysothamnus lanceolatus	Chl	Lanceleaf yellowbrush	30
" nauseosus	Cna	Rubber rabbitbrush	10
* " paniculatus	Chp	Little " "	0
* " puberulus	Cpu	" " "	10
* " stenophyllus	Chs	" " "	20
" vicidiflorus	Cvp	Low " "	30
Coleogyne ramosissima	Cra	Blackbrush	50
Cowania stansburiana	Cst	Cliffrose	40
Crataegus rivularis	Cri	Hawthorn	10
Dasiophora fruticosa	Dfr	Shrubby cinquefoil	30
Emplectocladus fasciculatus	Efa	Desert almond	0
Ephedra nevadensis	Ene	Nevada jointfir	40
" viridis	Evi	Mormon tea	0
Eurotia Lanata	Ela	Winterfat	60

Browse:

Palatability Tables (Continued)

Scientific name	Sym- bol	Common name	Palata- bility
Grayia spp.	Gry	Hop-sage	70
Grossularia spp.	Gro	Gooseberry	10
*Gutierrezia sarothrae	Gsa	Snakeweed	10
Juniperus scopulorum	Jsc	Colorado juniper	0
" utahensis	Jut	Utah "	0
Lepargyrea canadensis	Lec	Russet buffaloberry	0
Lycium andersonii	Lan	Wolfberry	0
Odostemon repens	Ore	Creeping hollygrape	0
Opulaster malvaceus	Oml	Ninebark	20
Pachistima myrsinites	Pmy	Myrtle boxleaf	0
Pediocactus simpsonii	Psi	Cactus	0
Peraphyllum ramosissimum	Per	Squaw-apple	30
Philadelphus lewisii	Ple	Mockorange (Syringa)	0
Populus tremuloides	Pte	Aspen	30
Prunus melanocarpa	Prm	Black chokecherry	45
Prunus demissa	Pde	Western chokecherry	20
Purshia tridentata	Ptr	Bitterbrush	50
Quercus gambelii	Qga	Gambel oak	20
Rhus trilobata	Rtr	Squawberry	5
Ribes aureum	Rau	Golden currant	25
" montigenum	Rmo	Gooseberry currant	10
" spp.	Rib	Currant	20
Rosa spp.	Ros	Wild rose	40
Rubus melanolasius	Rml	Western raspberry	10
" parviflorus	Rpa	Whiteflowering raspberry	10
Salix spp.	Sal	Willow	30
Salvia carnosa	Sac	Desert sage	50
Sambucus caerulea	Scu	Blueberry elder	65
" melanocarpa	Sme	Blackbead "	65
" Microbotrys	Sam	Bunchberry elder	65
Sarcobatus vermiculatus	Sve	Greasewood	15
Sericotheca dumosa	Sdu	Bush rockspray	0
Sorbus scopulina	Sos	Mountain-ash	40
Spiraea spp.	Spr.	Spiraea	0
Symphoricarpos longiflorus	Slo	Snowberry	0
" oreophilus	Sor	Mountain snowberry	65
" spp.	Sym	Snowberry	40
Tetradymia canescens	Tca	Spineless horsebrush	10
" glabrata	Teg	Littleleaf horsebrush	0
" spinososa	Tsp	Shortspine "	0
Vaccinium spp.	Vac	Blueberry	15
Yucca spp.	Yuc	Soapweed	0

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 in great abundance, also indicate overgrazing.

